

# PUBLIC HEALTH REPORTS.

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No. 17

## UNITED STATES.

### MUNICIPAL ORDINANCES, RULES, AND REGULATIONS PERTAINING TO PUBLIC HYGIENE.

ORANGE, N. J.

#### RABIES—NOTIFICATION OF ANIMALS SUSPECTED OF HAVING.

1. Whenever the owner or person having the custody or possession of any animal shall observe or learn that such animal has shown symptoms of rabies, or has acted in a manner which would lead a reasonable man to a suspicion that it might have rabies, such owner or person having the custody or possession of such animal shall immediately notify the board of health or the health officer, and shall allow the health officer or other official of the board of health to make an inspection or examination of such animal, and to quarantine such animal until it shall be established to the satisfaction of said official that such animal has or has not rabies.

2. Whenever it is shown that any dog has bitten any person, the owner or person having the custody or possession thereof shall, upon order of the health officer, quarantine it and keep it tied up or confined for a period of two weeks, and shall allow the health officer or other official of the board of health to make an inspection or examination thereof at any time during said period.

3. If it shall appear to the health officer or other official of the board of health upon an examination as aforesaid, or otherwise, that a dog or other animal has rabies, he may kill it forthwith.

4. Whenever any animal shall be bitten by another animal having rabies the owner or person having the custody or possession of the animal so bitten shall, upon being informed thereof, either kill such animal or quarantine it and keep it tied up or confined for a period of six months, and the health officer or other official of the board of health shall have power, in his discretion, to kill or quarantine the animal so bitten, in case the owner or person having the custody or possession thereof shall fail to do so immediately, or in case the owner or person having the custody thereof is not readily accessible.

5. Any person violating any one of the provisions of this ordinance shall forfeit and pay a penalty of \$25 for each offense. [Ordinance, board of health, adopted Apr. 3, 1911.]

LYNN, MASS.

#### PROTECTION OF FOODSTUFFS.

REGULATION 41.—SECTION 4. No dates, figs, salted peanuts, cracked nuts of any kind, corn cakes, corn crisp, candy or confectionery of any description, or maple sugar shall be kept or exposed for sale in any street or public place or outside of any shop or store or in the open windows or doorways thereof unless they be kept covered so that they shall be protected from infection and injury by dust, dirt, and flies. [Regulation, board of health, adopted Mar. 23, 1910.]

# HAVERHILL, MASS.

## MEAT INSPECTION.

SEC. 42. No carcasses nor parts of carcasses of cattle, calves, sheep, swine, nor goats shall be sold or offered for sale in the city of Haverhill unless, at the time when such carcasses are inspected by the inspector of meats and provisions of the city of Haverhill, there be attached to such carcasses the thoracic organs, or unless such carcasses have been duly inspected and passed by a meat inspector of the United States Department of Agriculture, or by an inspector of a board of health, as provided in section 102 of chapter 56 of the revised laws and section 103 of said chapter as amended by chapter 471 of the acts of 1909, or by an inspector of the State board of health or by a State inspector of health, as provided in chapter 329 of the acts of 1908 as amended by chapter 474 of the acts of 1909. [Regulation, board of health, adopted Apr. 21, 1910.]

## NEW YORK, N. Y.

MILK—RULES AND REGULATIONS WHICH MUST BE OBSERVED BY THOSE OPERATING CREAMERIES AND STATIONS SHIPPING MILK FOR USE IN NEW YORK CITY.

### BUILDING.

1. The creamery and premises surrounding the same must be kept clean and free from accumulation of waste, rubbish, or offensive material.
2. Living quarters should not be located in the creamery building, and no living quarters must at any time be directly connected with any room in which milk is exposed or handled.

### MILK ROOMS.

3. The creamery must be provided with a receiving room, separated from the main milk-handling room. The place where cans, bottles, and utensils are washed should be distinct and separate from any place where milk is handled, and if connected, the doors must be arranged so as to close automatically.
4. The milk-handling room must be well supplied with natural light. Windows should be fitted with adjustable sashes, and all windows must be washed and kept clean. Such rooms must be kept clean and used exclusively for handling milk, and must in no case be used for the purpose of manufacturing cheese, casein, or other by-products, and must be separated from place where engine, boilers, or wash vats are located.
5. All rooms should be fitted with ventilating flues extending to the outside air, sufficient in size to carry off all odors, steam, or foul air. Outside dust should be prevented from entering the room where milk is handled. No rubbish or material not used in the handling of milk shall be allowed to accumulate.
6. The walls and ceilings of all rooms must be sheathed or ceiled. The walls and ceiling must be painted at least once a year.

### FLOORS.

7. The floors of all rooms must be constructed of concrete, stone, or some material which is nonabsorbent. They must be graded and drained toward one or more suitable drains.

### DRAINS.

8. All drains must be earthenware or iron, with gas-tight joints; they must be continuous from the floor level to the point of disposal and must be properly trapped. All drain pipes must be protected against freezing.
9. All drainage must be discharged at a distance not less than 500 feet from the creamery, unless it be discharged at a nearer point into a properly covered cesspool.
10. Any space beneath the creamery must be kept dry and clean.
11. All strainers in the floor directly over the drainage pipes should be at least 6 inches in diameter and so constructed that they can be readily opened and the drains cleaned.

### MILK PUMPS AND PIPES.

12. The creamery should be so arranged that the milk may flow naturally from the point where it is received to its final point of handling.
13. If milk pumps or pipes are used for milk, the interior surface must be finished in such a manner as to present a smooth, clean surface to the milk flowing through,

and they must be so installed that they can be readily taken apart. They must be thoroughly cleaned after each use.

14. All steam and water pipes within the creamery building must be painted and kept clean.

#### MILK VATS.

15. All receiving, "weigh," or storage vats in which milk is handled, must be made of smoothly tinned metal; must have all joints soldered flush, and must be kept in good repair and thoroughly cleaned and sterilized after each use. These vats must be provided with tin covers, so constructed that they will not interfere with the handling of milk. The vats must be covered when in use.

#### MILK CANS AND BOTTLES.

16. All cans in which milk is delivered by the farmers must be rinsed in cold water as soon as emptied, thoroughly washed and cleaned before returning them to the farmers.

17. Cans used for returning skim milk, whey, or feeds to the farm must not be used for milk, and must be painted some distinctive color and plainly marked with the words: "Not to be used for milk" in letters at least 2 inches high.

18. All milk cans or bottles used for the shipment of milk must be washed as follows:

They should be given a preliminary soaking and rinsing in a vat separate from the washing vat, then they should be washed and scrubbed with a washing solution and hot water. After they are thoroughly scrubbed they should be rinsed with clean water. This to be preferably done by some suitable apparatus having inverted jets so adjusted that a definite quantity of clean water is thrown into each can or bottle, sufficient to remove all trace of the dirty washing water. They should then be exposed to a sufficient quantity of live steam or steam under pressure to render them sterile.

19. All bottles and cans, after washing, must be protected until used, so that they will not become contaminated with dirt and dust.

#### COOLING TANKS.

20. Pools or tanks in which milk is cooled must be tightly constructed of some non-absorbent material and kept water tight. The tanks must be supplied daily with clean water or filled with ice, and the water at no time must be allowed to become offensive.

#### MILK.

21. Milk of a temperature above 55° F. must not be received at the creamery or shipping station unless it is milk delivered within two hours from the time it was drawn from the cow.

22. Milk should not be received which contains floating manure, straw, flies, or other filth, as such are sure indications of a dirty and unwholesome milk.

23. Milk must be prepared for shipment with the least handling possible. All unnecessary exposure to the air must be avoided. Milk must be protected from dust and dirt while in the cooling pools.

24. Milk must be immediately and rapidly cooled to a temperature of 50° F. or less, and so kept until shipped.

25. Aerators must be located in rooms used exclusively for aerating and cooling milk, or else they must be provided with covers to protect the milk from dust, dirt, and unclean air.

26. Measuring rods or dippers used in taking samples at the creamery door must be thoroughly washed and sterilized daily, and the receiving agent must at no time permit the milk to come in contact with his person.

27. The creamery must have a running supply of pure water. If a public water supply is not used, such other supply must be approved by this department.

28. If water is drawn from a well or spring, and does not flow by gravity to the creamery, a suitable storage tank must be installed so that water, ample for the needs of the creamery, may always be secured from the water faucets in any part of the creamery.

#### EMPLOYEES.

29. No person suffering from a contagious disease, or any one in attendance upon such patient, shall be employed in the handling of milk or milk utensils. All infectious diseases occurring in the families of the dairymen, or in the households of any-

one engaged in producing or handling milk, must be reported at once to this department, and proper steps taken to prevent the milk from becoming contaminated.

30. All attendants in the creamery building must wear clean garments and be cleanly in their habits. Spitting or smoking in any part of the creamery building must be absolutely prohibited.

#### PRIVY.

31. A water-closet or privy must be provided, separate from any place where milk is handled. If a privy vault, the seats should be provided with covers so arranged that they will automatically close when not in use. The vault must be sealed to prevent the entrance of flies.

#### GENERAL.

32. No dogs, cats, or other domestic animals shall be allowed in any room in which milk is exposed or handled.

33. All doors and windows must be properly fitted with wire screens during the summer months, and all flies must be excluded. It will be presumed, when flies are found in the milk, that the milk has not been properly protected and handled. Such milk will be considered unfit for human consumption, and may be seized and destroyed.

34. Managers of creameries and receiving stations will be expected to refuse to accept milk for shipment to the city of New York from farmers who do not observe the rules of this department.

[Amended and adopted by the board of health of the department of health, Nov. 1, 1910.]

#### MINNEAPOLIS, MINN.

##### HOTELS, RESTAURANTS, BOARDING HOUSES—REGULATION AND INSPECTION.

Section 2 of the ordinance adopted December 22, 1910, and published in the Public Health Reports of March 31, 1911, on page 412 was amended April 3, 1911, to read as follows:

SEC. 2. Any person, company, or corporation desiring a license to conduct or operate as a hotel, restaurant, cafe, boarding house, inn, tavern, or public eating house or place, any building or any part of any building or any place in the city of Minneapolis, shall file with the commissioner of health of said city a written application to the city council for such license, giving in such application the full name and address of the proprietor of the proposed hotel, restaurant, cafe, boarding house, inn, tavern, or public eating house or place, the name of the owner of the premises and the location of the building or buildings or portion thereof or place intended to be used as a hotel, restaurant, cafe, boarding house, inn, tavern or public eating house or place in said city. Upon the filing of any such application for a license, the commissioner of health shall examine or cause to be examined the sanitary conditions of the place proposed to be licensed and shall present such application to the city council, together with a statement of the sanitary conditions of the place proposed to be licensed, with his approval or disapproval of the same. The commissioner of health shall also keep a permanent record of such inspection. Such license shall be issued to the applicant by the commissioner of health when authorized and directed by the city council so to do, upon the presentation by the applicant to the commissioner of health of a receipt from the city treasurer showing payment into the city treasury of the license fee required for such license. The license fee for such license is hereby fixed and established at \$5 per annum for each hotel, restaurant, cafe, boarding house, inn, tavern or public eating house or place in the city of Minneapolis. All licenses issued under this ordinance shall be in force for one year after the issuance of same, unless sooner revoked. Each licensee under this ordinance shall keep his license conspicuously posted in the place of business specified in his license.



## PLAGUE-PREVENTION WORK.

### INFECTED GROUND SQUIRRELS.

During the week ended April 8, 1911, the finding of 5 plague-infected ground squirrels was reported as follows: In Alameda County, Cal., March 22, 1 squirrel at Quinn ranch, 3½ miles northeast of Haywards, and March 25 and 29, each, 1 squirrel at M. J. Cull ranch, 7½ miles north of Haywards; in Stanislaus County, Cal., March 29, 1 squirrel at Miller ranch, 3 miles south of Ripon, and 1 at Frederick's ranch, 1½ miles north of Modesto.

### DISTRIBUTION OF POISON.

In connection with the making of a squirrel-free zone around the cities in California on San Francisco Bay 365 acres of land in Alameda County were covered with poison during the week ended April 8, 1911.

#### Record of Plague Infection.

Places.	Date of last case of human plague.	Date of last case of rat plague.	Date of last case of squirrel plague.	Total number of rodents found infected since May, 1907.
California:				
Cities—				
San Francisco.....	Jan. 30, 1908.....	Oct. 23, 1908.....	None.....	398 rats.
Oakland.....	Oct. 26, 1909.....	Dec. 1, 1908.....	do.....	126 rats.
Berkeley.....	Aug. 28, 1907.....	None recorded..	do.....	None.
Los Angeles.....	Aug. 11, 1908.....	None.....	Aug. 21, 1908.....	1 squirrel.
Counties—				
Alameda (exclusive of the city of Oakland).	Sept. 26, 1909.....	Wood rat, Oct. 17, 1909.	Mar. 29, 1911.....	98 squirrels.
Contra Costa.....	July 21, 1908.....	None.....	Sept. 10, 1910.....	1 wood rat.
Merced.....	None recorded..	do.....	June 6, 1910.....	247 squirrels.
Monterey.....	do.....	do.....	do.....	2 squirrels.
San Benito.....	June 5, 1910.....	do.....	July 11, 1910.....	4 squirrels.
San Joaquin.....	None recorded..	do.....	Jan. 9, 1911.....	20 squirrels.
San Luis Obispo.....	do.....	do.....	Jan. 29, 1910.....	11 squirrels.
Santa Clara.....	Aug. 23, 1910.....	do.....	Oct. 5, 1910.....	1 squirrel.
Santa Cruz.....	None recorded..	do.....	May 17, 1910.....	23 squirrels.
Stanislaus.....	do.....	do.....	Mar. 29, 1911.....	3 squirrels.
Washington:				
Seattle.....	Oct. 30, 1907.....	Feb. 8, 1910.....	None.....	7 squirrels.
				22 rats.

## Rats Collected and Examined for Plague Infection.

Places.	Week ended—	Found dead.	Total collected.	Examined.	Found infected.
California:					
Cities—					
Berkeley.....	Apr. 8	.....	1103	60	.....
Oakland.....	do.	33	2510	389	.....
San Francisco.....	do.	25	1,384	937	.....
Counties—					
Merced.....	do.	.....	44	4	.....
Santa Clara.....	do.	.....	51	1	.....
Washington:					
Cities—					
Seattle.....	do.	.....	1,161	987	.....
Total.....		58	3,163	2,378	.....

<sup>1</sup> Identified, *Mus norvegicus* 73, *Mus musculus* 30.<sup>2</sup> Identified, *Mus norvegicus* 441, *Mus rattus* 4, *Mus musculus* 65.<sup>3</sup> Identified, *Mus norvegicus* 839, *Mus rattus* 122, *Mus musculus* 305, *Mus alexandrinus* 118.<sup>4</sup> Identified, *Mus norvegicus* 3, *Mus musculus* 1.<sup>5</sup> Identified, *Mus musculus* 1.

## Squirrels Collected and Examined for Plague Infection.

Places.	Week ended—	Trapped and shot.	Found dead.	Examined.	Found infected.
California:					
City—					
San Francisco.....	Apr. 8	1	.....	1	.....
Counties—					
Alameda.....	do.	1	.....	209	3
Butte.....	do.	29	.....	29	.....
Colusa.....	do.	56	.....	56	.....
Contra Costa.....	do.	55	.....	55	.....
Fresno.....	do.	83	.....	83	.....
Imperial.....	do.	270	.....	266	.....
Kern.....	do.	21	.....	21	.....
Los Angeles.....	do.	303	.....	282	.....
Madera.....	do.	146	.....	146	.....
Mariposa.....	do.	249	.....	249	.....
Merced.....	do.	101	.....	101	.....
Monterey.....	do.	640	.....	640	.....
San Joaquin.....	do.	459	1	460	.....
San Luis Obispo.....	do.	469	.....	468	.....
Santa Barbara.....	do.	47	.....	47	.....
Santa Clara.....	do.	253	.....	253	.....
Stanislaus.....	do.	249	.....	249	2
Yolo.....	do.	57	.....	57	.....
Total.....		3,489	1	3,673	5

## Other Animals Collected and Examined.

Places.	Week ended—	Animals collected.	Examined.	Found infected.
California:				
Counties—				
Alameda.....	Apr. 8	1 rabbit.....	1	.....
Butte.....	do.	do.....	1	.....
Contra Costa.....	do.	do.....	1	.....
Fresno.....	do.	4 rabbits.....	4	.....
Kern.....	do.	13 kangaroo rats.....	13	.....
Madera.....	do.	11 rabbits.....	11	.....
Mariposa.....	do.	do.....	11	.....
Merced.....	do.	1 rabbit.....	1	.....
Monterey.....	do.	3 rabbits, 1 mole, 5 weasels, 1 owl.	9	.....
San Joaquin.....	do.	20 rabbits, 4 weasels.....	24	.....
San Luis Obispo.....	do.	15 rabbits.....	15	.....
Santa Clara.....	do.	1 rabbit, 9 gophers.....	10	.....
Stanislaus.....	do.	10 rabbits, 1 gopher.....	11	.....
Yolo.....	do.	5 rabbits.....	5	.....
Total.....			117	.....

## SMALLPOX IN THE UNITED STATES.

In the following tables the States indicated by an asterisk are those from which reports of smallpox are received only from certain city and, in some cases, county boards of health. In these States, therefore, the recorded cases and deaths should not be taken as showing the general prevalence of the disease. In the States not marked by an asterisk the reports are received monthly from the State boards of health and include all cases reported throughout the State.

## Reports Received During Week Ended Apr. 28, 1911.

Places.	Date.	Cases.	Deaths.	Remarks.
<b>Florida:</b>				
Counties—				
Alachua.....	Apr. 9-15.....	17		
De Soto.....	do.....	2		
Duval.....	do.....	14		
Escambia.....	do.....	12		
Hillsboro.....	do.....	12		
Jackson.....	do.....	19		
Leon.....	do.....	13		
Levy.....	do.....	1		
Polk.....	do.....	13		
Wakula.....	do.....	2		
Total for State.....		105		
<b>*Georgia:</b>				
Macon.....	Mar. 1-31.....	10		
<b>Indiana:</b>				
Counties—				
Cass.....	do.....	11	1	
Clark.....	do.....	9		
Clay.....	do.....	1		
Delaware.....	do.....	2		
Fountain.....	do.....	2	1	
Howard.....	do.....	8		
Huntington.....	do.....	3		
Knox.....	do.....	3		
Lake.....	do.....	1		
Madison.....	do.....	13		
Marion.....	do.....	1		
Monroe.....	do.....	1		
Montgomery.....	do.....	3		
Shelby.....	do.....	25		
St. Joseph.....	do.....	4		
Sullivan.....	do.....	1		
Tippecanoe.....	do.....	1		
Vigo.....	do.....	1		
Wabash.....	do.....	17		
Warren.....	do.....	1		
Wayne.....	do.....	6		
Wells.....	do.....	3		
Total for the State...		117	2	
<b>Kansas:</b>				
Counties—				
Allen.....	Feb. 1-28.....	1		
Barton.....	do.....	1		
Brown.....	do.....	4		
Cherokee.....	do.....	50		
Clay.....	do.....	8		
Cloud.....	do.....	22		
Crawford.....	do.....	2		
Pittsburg.....	do.....	1	1	
Dickinson.....	do.....	12		
Doniphan.....	do.....	1		
Douglas.....	do.....	6		
Greenwood.....	do.....	19		
Harper.....	do.....	7		
Jackson.....	do.....	6		
Johnson.....	do.....	20		
Kingman.....	do.....	1		
Leavenworth.....	do.....	7		
Leavenworth.....	do.....	2		
Marion.....	do.....	4		

## SMALLPOX IN THE UNITED STATES—Continued.

Reports Received During Week Ended Apr. 28, 1911.

Places.	Date.	Cases.	Deaths.	Remarks.
<b>Kansas—Continued.</b>				
<b>Counties—Continued.</b>				
Marshall.....	Feb. 1-28.....	23		
McPherson.....	do.....	4		
Miami.....	do.....	1		
Montgomery.....	do.....	11		
Coffeyville.....	do.....	5		
Morton.....	do.....	4		
Nemaha.....	do.....	7		
Norton.....	do.....	2		
Ottawa.....	do.....	17		
Pottawatomie.....	do.....	3		
Russell.....	do.....	1		
Saline.....	do.....	11		
Sedgwick.....	do.....	2		
Shawnee—				
Topeka.....	do.....	1		
Washington.....	do.....	1		
Wichita.....	do.....	2		
Wilson.....	do.....	1		
Wyandotte—				
Kansas City.....	do.....	9		
Total for State...		279	1	
Atchison.....	Mar. 1-30.....	28		
Barton.....	do.....	1		
Bourbon.....	do.....	8		
Brown.....	do.....	9	1	
Cherokee.....	do.....	63		
Cloud.....	do.....	54		
Dickinson.....	do.....	10		
Douglas.....	do.....	20		
Ford.....	do.....	1		
Greenwood.....	do.....	73		
Harper.....	do.....	8		
Jackson.....	do.....	5		
Jefferson.....	do.....	12		
Johnson.....	do.....	10		
Kearny.....	do.....	2		
Leavenworth.....	do.....	2		
Leavenworth.....	do.....	1	1	
Linn.....	do.....	3		
Marshall.....	do.....	1		
McPherson.....	do.....	2		
Montgomery.....	do.....	4		
Coffeyville.....	do.....	5		
Morris.....	do.....	9		
Norton.....	do.....	2		
Osage.....	do.....	1		
Ottawa.....	do.....	22		
Pottawatomie.....	do.....	7		
Republic.....	do.....	9		
Rooks.....	do.....	1		
Saline.....	do.....	8		
Sedgwick—				
Wichita.....	do.....	2		
Shawnee—				
Topeka.....	do.....	8		
Wyandotte—				
Kansas City.....	do.....	21		
Total for State...		412	2	
<b>Louisiana:</b>				
New Orleans.....	Apr. 9-15.....	6		
<b>*Missouri:</b>				
St. Louis.....	do.....	4		
Springfield.....	do.....	8		
Total for State.....		12		
<b>*Nebraska:</b>				
Omaha.....	Apr. 1-15.....	29		
South Omaha.....	Apr. 9-15.....	4		
Total for State.....		33		

## SMALLPOX IN THE UNITED STATES—Continued.

Reports Received During Week Ended Apr. 28, 1911.

Places.	Date.	Cases.	Deaths.	Remarks.
<b>New York:</b>				
Counties—				
Erie.....	Mar. 1-31.....	4		
New York.....	do.....	1		
St. Lawrence.....	do.....	1		
Total for State.....		6		
<b>North Carolina:</b>				
Counties—				
Alamance.....	Mar. 1-31.....	6		
Beaufort.....	do.....	4		
Bladen.....	do.....	12		
Brunswick.....	do.....	7		
Burke.....	do.....	3		
Chatham.....	do.....	12		
Columbus.....	do.....	3		
Craven.....	do.....	9		
Cumberland.....	do.....	2		
Duplin.....	do.....	20		
Durham.....	do.....	40		
Forsyth.....	do.....	3		
Guilford.....	do.....	15		
Halifax.....	do.....	1		
Harnett.....	do.....	5		
Henderson.....	do.....	7		
Iredell.....	do.....	4		
Jackson.....	do.....	4		
Johnston.....	do.....	2		
Jones.....	do.....	8		
Lee.....	do.....	3		
New Hanover.....	do.....	48		
Northampton.....	do.....	9		
Onslow.....	do.....	8		
Pender.....	do.....			Present.
Robeson.....	do.....	50		
Sampson.....	do.....			Do.
Union.....	do.....	1		
Vance.....	do.....	4		
Wake.....	do.....	13		
Total for State.....		303		
<b>Tennessee:</b>				
Knoxville.....	Apr. 9-15.....	5		
<b>Texas:</b>				
Counties—				
Bowie.....	Mar. 1-31.....	4		
Cameron.....	do.....	42		
Denton.....	do.....	2		
Houston.....	do.....	2		
Harrison.....	do.....	5		
Henderson.....	do.....	4		
Lamar.....	do.....	1		
Marion.....	do.....	20		
McLennan.....	do.....	4		
Mitchell.....	do.....	1		
Palo Pinto.....	do.....	1		
Red River.....	do.....	1		
Refugio.....	do.....	1		
Tarrant.....	do.....	3		
Upshur.....	do.....	6		
Wichita.....	do.....	10		
Total for State.....		107		
<b>Utah:</b>				
Counties—				
Beaver.....	Mar. 1-31.....	16	1	
Box Elder.....	do.....	25		
Cache.....	do.....	25		
Garfield.....	do.....	3		
Juab.....	do.....	3		
Salt Lake.....	do.....	8		
San Pete.....	do.....	12		
Sevier.....	do.....	16		
Utah.....	do.....	10		
Washington.....	do.....	10		
Weber.....	do.....	33		
Total for State.....		161	1	



## SMALLPOX IN THE UNITED STATES—Continued.

## Reports Received During Week Ended Apr. 28, 1911.

Places.	Date.	Cases.	Deaths.	Remarks.
<b>Washington:</b>				
<b>Counties—</b>				
Callam.....	Feb. 1-28.....	16	.....	
King.....	do.....	39	.....	
Lincoln.....	do.....	1	.....	
Pierce.....	do.....	27	.....	
Skagit.....	do.....	3	.....	
Stevens.....	do.....	1	.....	
Spokane.....	do.....	1	.....	
Whatcom.....	do.....	33	.....	
Yakima.....	do.....	2	.....	
Total for State.....		123	.....	

## Reports Received from Dec. 31, 1910, to Apr. 21, 1911.

[For reports received from June 25, 1910, to Dec. 30, 1910, see Public Health Reports for Dec. 30, 1910. In accordance with custom, the tables of epidemic diseases are terminated semiannually and new tables begun.]

Places.	Date.	Cases.	Deaths.	Remarks.
<b>*Alabama:</b>				
Birmingham.....	Apr. 2-8.....	2	.....	
Montgomery.....	Dec. 11-Apr. 8.....	26	.....	
Total for State.....		28	.....	
<b>California:</b>				
<b>Counties—</b>				
Alameda.....	Dec. 1-31.....	3	.....	
Imperial.....	do.....	1	.....	
Humboldt.....	Dec. 1-Jan. 31.....	2	.....	
Kern.....	Dec. 1-31.....	1	.....	
Los Angeles.....	do.....	1	.....	
Mariposa.....	Jan. 1-31.....	1	.....	
Riverside.....	Jan. 1-Feb. 28.....	7	1	
San Bernardino.....	Jan. 1-31.....	3	.....	
San Diego.....	Dec. 1-Feb. 28.....	16	1	
San Francisco.....	do.....	11	.....	
San Joaquin.....	Dec. 1-31.....	2	.....	
Santa Clara.....	Feb. 1-28.....	1	.....	
Santa Cruz.....	do.....	1	.....	
Ventura.....	Jan. 1-31.....	9	.....	
Total for State.....		50	2	
<b>Colorado:</b>				
<b>Counties—</b>				
Adams.....	Dec. 1-Jan. 31.....	6	.....	
Arapahoe.....	Dec. 1-Feb. 28.....	19	.....	
Archuleta.....	Dec. 1-Mar. 31.....	35	.....	
Boulder.....	do.....	28	.....	
Chafee.....	Mar. 1-31.....	2	.....	
Conejos.....	Dec. 1-31.....	2	.....	
Costilla.....	Jan. 1-31.....	5	.....	
Delta.....	Feb. 1-Mar. 31.....	11	.....	
Denver.....	Dec. 1-Mar. 31.....	317	.....	
Douglas.....	Mar. 1-31.....	1	.....	
Eagle.....	Jan. 1-31.....	1	.....	
Elbert.....	Feb. 1-Mar. 31.....	21	.....	
El Paso.....	Dec. 1-Mar. 31.....	26	.....	
Fremont.....	do.....	12	.....	
Garfield.....	Jan. 1-31.....	4	.....	
Gilpin.....	do.....	1	.....	
Grand.....	Dec. 1-31.....	2	.....	
Gunnison.....	Mar. 1-31.....	1	.....	
Huerfano.....	Dec. 1-Mar. 31.....	20	.....	
Jefferson.....	do.....	15	.....	
Kit Carson.....	Jan. 1-31.....	1	.....	
La Plata.....	Dec. 1-Mar. 31.....	24	.....	
Larimer.....	Jan. 1-Mar. 31.....	99	.....	
Las Animas.....	Dec. 1-Mar. 31.....	51	.....	
Lincoln.....	Mar. 1-31.....	2	.....	
Logan.....	do.....	2	.....	

## SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from Dec. 31, 1910, to Apr. 21, 1911.

Places.	Date.	Cases.	Deaths.	Remarks.
Colorado—Continued.				
Counties—Continued.				
Mineral.....	Jan. 1-31.....	2		
Montezuma.....	Dec. 1-31.....	1		
Montrose.....	Jan. 1-Mar. 31.....	15		
Morgan.....	Dec. 1-Mar. 31.....	54		
Otero.....	Feb. 1-Mar. 31.....	11		
Phillips.....	Feb. 1-28.....	20		
Pueblo.....	Dec. 1-Mar. 31.....	6	1	
Rio Grande.....	Jan. 1-Mar. 31.....	14		
Saguache.....	Dec. 1-31.....	3		
Sedgwick.....	Mar. 1-31.....	3		
Summit.....	Feb. 1-28.....	3		
Teller.....	Jan. 1-Mar. 31.....	9		
Weld.....	Feb. 1-Mar. 31.....	10		
Yuma.....	Mar. 1-31.....	1		
Total for State.....		858	1	
Connecticut.....	Dec. 1-Feb. 28.....			No cases.
District of Columbia.....	Jan. 15-Mar. 25.....	6		
Florida:				
Counties—				
Alachua.....	Dec. 18-Apr. 1.....	63	1	
Baker.....	Jan. 8-14.....	1		
Bradford.....	Jan. 16-Apr. 1.....	7		
Brevard.....	Feb. 19-25.....	5		
Calhoun.....	Jan. 29-Mar. 25.....	27		
Citrus.....	Jan. 8-Mar. 11.....	2		
Dade.....	Dec. 25-Feb. 18.....	3		
De Soto.....	Mar. 1-31.....	2		
Duval.....	Jan. 1-Apr. 8.....	188	1	
Escambia.....	.....do.....	91		
Franklin.....	Jan. 8-Mar. 25.....	10		
Gadsden.....	Dec. 18-Mar. 18.....	64		
Hamilton.....	Mar. 26-Apr. 1.....	1		
Hillsboro.....	Dec. 25-Apr. 8.....	113		
Jackson.....	.....do.....	130		
Fernando.....	Mar. 19-25.....	1		
Jefferson.....	Feb. 5-Mar. 18.....	3		
Lafayette.....	Jan. 16-Feb. 4.....	6		
Lake.....	Jan. 22-Apr. 8.....	11		
Lee.....	Jan. 8-Mar. 4.....	21		
Leon.....	Dec. 18-Apr. 8.....	113	2	
Levy.....	Jan. 29-Mar. 25.....	3		
Liberty.....	Feb. 26-Mar. 4.....	6		
Madison.....	Dec. 18-Jan. 21.....	19		
Manatee.....	Mar. 26-Apr. 1.....	1		
Nassau.....	Jan. 16-21.....	2		
Orange.....	.....do.....	1		
Osceola.....	Mar. 25.....	3		
Pasco.....	Apr. 2-8.....	4		
Polk.....	Dec. 18-Apr. 1.....	99		
Putnam.....	Feb. 12-Mar. 25.....	8		
St. John.....	Jan. 22-Feb. 11.....	2		
Santa Rosa.....	Jan. 8-Feb. 25.....	34		
Suwanee.....	Jan. 16-21.....	1		
Taylor.....	Jan. 8-Feb. 4.....	140		
Volusia.....	Jan. 22-Mar. 4.....	14		
Walton.....	Dec. 25-Feb. 25.....	8		
Washington.....	Jan. 8-Apr. 8.....	8		
Total for State.....		1,215	4	
Illinois:				
Counties—				
Adams.....	Feb. 1-28.....	1		
Bond.....	Jan. 1-Feb. 28.....	2		
Carroll.....	Feb. 1-28.....	1		
Clay.....	Feb. 1-28.....	1		
Coles.....	Dec. 1-Feb. 28.....	10		
Cook, exclusive of Chicago.....	Dec. 1-Jan. 31.....	3		
Chicago.....	.....do.....	20		
Effingham.....	Dec. 31-Feb. 28.....	2		
Jasper.....	Dec. 1-31.....	4		
Jefferson.....	.....do.....	4		
Kane.....	Dec. 1-Feb. 28.....	11		
McLean.....	Jan. 1-Feb. 28.....	18		

## SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from Dec. 31, 1910, to Apr. 21, 1911.

Places.	Date.	Cases.	Deaths.	Remarks.
<b>Illinois—Continued.</b>				
<b>Counties—Continued.</b>				
Macoupin.....	Feb. 1-28.....	1	.....	
Madison.....	Dec. 1-Feb. 28.....	9	.....	
Peoria.....	do.....	7	.....	
Perry.....	Dec. 1-31.....	2	.....	
Saline.....	Jan. 1-Feb. 28.....	8	.....	
Stevenson.....	Jan. 1-31.....	3	.....	
Union.....	Dec. 1-Feb. 28.....	17	.....	
Vermilion.....	Jan. 1-Feb. 28.....	2	.....	
Washington.....	Feb. 1-28.....	1	.....	
Williamson.....	Jan. 1-31.....	1	.....	
Total for State.....		128		
<b>Indiana:</b>				
<b>Counties—</b>				
Adams.....	Feb. 1-28.....	6	.....	
Allen.....	do.....	1	.....	
Blackford.....	do.....	3	.....	
Cass.....	Jan. 1-Feb. 28.....	6	.....	
Clay.....	Feb. 1-28.....	8	.....	
Daviess.....	do.....	1	.....	
Decatur.....	Jan. 1-Feb. 28.....	3	.....	
Dekalb.....	Dec. 1-Feb. 28.....	9	.....	
Delaware.....	Feb. 1-28.....	6	.....	
Elkhart.....	Dec. 1-31.....	5	.....	
Greene.....	Feb. 1-28.....	1	.....	
Howard.....	Dec. 1-31.....	1	.....	
Huntington.....	Feb. 1-28.....	1	.....	
Jennings.....	Jan. 1-31.....	6	.....	
Knox.....	Dec. 1-Feb. 28.....	8	.....	
Madison.....	do.....	168	.....	
Marion.....	Jan. 1-31.....	1	.....	
Montgomery.....	Dec. 1-Feb. 28.....	12	.....	
Noble.....	Jan. 1-31.....	1	.....	
Posey.....	do.....	1	.....	
St. Joseph.....	Feb. 1-28.....	1	.....	
Steuben.....	Jan. 1-Feb. 28.....	7	.....	
Vigo.....	do.....	22	.....	
Wabash.....	Feb. 1-28.....	1	.....	
Warren.....	do.....	1	.....	
Wayne.....	Jan. 1-Feb. 28.....	19	.....	
Total for State.....		299		
<b>Iowa:</b>				
<b>Counties—</b>				
Benton.....	Jan. 1-Mar. 31.....	9	.....	
Blackhawk.....	Feb. 1-Mar. 31.....	5	.....	
Boone.....	Feb. 1-28.....	1	.....	
Buena Vista.....	Dec. 1-31.....	1	.....	
Carroll.....	Mar. 1-31.....	3	.....	
Cherokee.....	do.....	1	.....	
Dallas.....	Feb. 1-Mar. 31.....	3	.....	
Decatur.....	Mar. 1-31.....	2	.....	
Dubuque.....	Feb. 1-28.....	1	.....	
Fremont.....	Feb. 1-Mar. 31.....	8	.....	
Guthrie.....	Jan. 1-Mar. 31.....	7	.....	
Hancock.....	Jan. 1-31.....	3	.....	
Jefferson.....	.....	.....	1	Year 1910, in delinquent report received after Jan. 1, 1911.
Johnson.....	Jan. 1-31.....	1	.....	
Lee.....	Dec. 1-31.....	1	.....	
Linn.....	Dec. 1-Mar. 31.....	98	1	
Lucas.....	Jan. 1-31.....	1	.....	
Lyon.....	Dec. 1-Mar. 31.....	4	.....	
Mahaska.....	Feb. 1-28.....	1	.....	
Marshall.....	Dec. 1-Jan. 31.....	8	.....	
Muscatine.....	Mar. 1-31.....	1	.....	
Page.....	Dec. 1-Mar. 31.....	36	1	
Plymouth.....	Mar. 1-31.....	12	.....	
Polk.....	Dec. 1-Feb. 28.....	10	.....	
Pottawattamie.....	Jan. 1-Mar. 31.....	13	.....	
Scott.....	Dec. 1-Feb. 28.....	7	.....	
Sioux.....	Feb. 1-Mar. 31.....	2	.....	
Tama.....	Mar. 1-31.....	1	.....	
Taylor.....	Dec. 1-31.....	64	.....	
Union.....	Jan. 1-Feb. 28.....	3	.....	
Warren.....	Dec. 1-31.....	1	.....	

## SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from Dec. 31, 1910, to Apr. 21, 1911.

Places.	Date.	Cases.	Deaths.	Remarks.
<b>Iowa—Continued.</b>				
<b>Counties—Continued.</b>				
Webster.....	Dec. 1-31.....	10		
Winnebago.....	Jan. 1-31.....	1		
Woodbury.....	Dec. 1-Mar. 31.....	13		
Total for State.....		335	3	
<b>Kansas:</b>				
<b>Counties—</b>				
Pawnee.....	Nov. 1-30.....	1		
Reno.....	do.....	1		
Allen.....	Dec. 1-Jan. 31.....	6		
Anderson.....	Jan. 1-31.....	1		
Atchison.....	Dec. 1-31.....	4		
Brown.....	Dec. 1-Jan. 31.....	44		
Butler.....	do.....	2		
Cherokee.....	do.....	6		
Clay.....	do.....	7		
Decatur.....	Dec. 1-31.....	1		
Dickinson.....	Dec. 1-Jan. 31.....	12		
Doniphan.....	do.....	2		
Douglas.....	Jan. 1-31.....	1		
Harper.....	do.....	5		
Jefferson.....	Dec. 1-31.....	1		
Jewell.....	Jan. 1-31.....	17		
Johnson.....	Dec. 1-31.....	4		
Kearny.....	Jan. 1-31.....	5		
Kingman.....	Dec. 1-31.....	1		
Leavenworth.....	Jan. 1-31.....	2		
Leavenworth.....	Dec. 1-31.....	2		
Lyon.....	Jan. 1-31.....	1		
Marion.....	do.....	2		
Marshall.....	Dec. 1-Jan. 31.....	112		
Montgomery.....	do.....	5		
Morton.....	Jan. 1-31.....	8		
Nemaha.....	Dec. 1-31.....	1		
Norton.....	Jan. 1-31.....	1		
Osage.....	Dec. 1-31.....	1		
Pottawatomie.....	Jan. 1-31.....	9		
Reno.....	Dec. 1-31.....	1		
Riley.....	Jan. 1-31.....	8		
Rooks.....	Dec. 1-31.....	1	1	
Russell.....	Jan. 1-31.....	1		
Saline.....	do.....	10		
Sedgwick.....	do.....	1		
Shawnee.....	Dec. 1-Jan. 31.....	5		
Sumner.....	Dec. 1-31.....	6		
Washington.....	Jan. 1-31.....	4		
Wyandotte, exclusive of Kansas City.....	Dec. 1-Jan. 31.....	15		
Kansas City.....	do.....	22		
Total for State.....		339	1	
<b>*Kentucky:</b>				
Henderson.....	Feb. 22-28.....	4		
Lexington.....	Feb. 26-Apr. 8.....	3		
Paducah.....	Jan. 23-Apr. 18.....	29		
Total for State.....		36		
<b>Louisiana:</b>				
<b>Parishes—</b>				
Ascension.....	Dec. 1-31.....	1		
Calcasieu.....	Jan. 1-31.....	13	1	
East Baton Rouge.....	Dec. 1-31.....	25		
East Feliciana.....	do.....	30		
Iberville.....	do.....	6		
Lafourche.....	Jan. 1-31.....	16		
<b>Orleans—</b>				
New Orleans.....	Dec. 18-Apr. 8.....	187	1	
Rapides.....	Dec. 1-31.....	1		
St. Charles.....	do.....	4		
St. John.....	do.....	1		
Tangipahoa.....	Nov. 1-Dec. 31.....	22		
Tensas.....	Dec. 1-Jan. 31.....	20		
Washington.....	do.....	5		
Total for State.....		331	2	
Maine.....	Dec. 1-Mar. 31.....			No cases.

## SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from Dec. 31, 1910, to Apr. 21, 1911.

Places.	Date.	Cases.	Deaths.	Remarks.
<b>Maryland</b> .....				December and March no cases.
Counties—				
Baltimore.....	Feb. 1-28.....	2		
Garrett.....	Jan. 1-Feb. 28.....	10		
Total for State.....		12		
<b>Massachusetts</b> .....	Nov. 1-Dec. 31.....			No cases.
<b>Michigan</b> .....	Jan. 1-Feb. 28.....	16		Not previously reported.
Counties—				
Alcona.....	Dec. 1-31.....	1		
Alger.....	Dec. 1-Feb. 28.....	2		
Alpena.....	Jan. 1-31.....	1		
Antrim.....	do.....	1		
Arenac.....	Dec. 1-Jan. 31.....	7		
Bay.....	do.....	2		
Barry.....	Feb. 1-28.....	1		
Calhoun.....	Dec. 1-Feb. 28.....	17	1	
Cass.....	Feb. 1-28.....	2		
Charlevoix.....	Dec. 1-Feb. 28.....	24		
Cheboygan.....	do.....	30		
Clare.....	Jan. 1-31.....	8		
Clinton.....	Dec. 1-31.....	3		
Crawford.....	Dec. 1-Jan. 31.....	6		
Eaton.....	do.....	6		
Emmet.....	Jan. 1-Feb. 28.....	63		
Genesee.....	Dec. 1-Feb. 28.....	14	1	
Gladwin.....	do.....	4	1	
Grand Traverse.....	Dec. 1-31.....	1		
Gratiot.....	Dec. 1-Feb. 28.....	10		
Houghton.....	Feb. 1-28.....	5		
Huron.....	Jan. 1-31.....	8		
Ingham.....	Dec. 1-Feb. 28.....	3		
Ionia.....	Jan. 1-Feb. 28.....	19		
Isabella.....	Dec. 1-Feb. 28.....	14		
Kalamazoo.....	Dec. 1-Jan. 31.....	6		
Keweenaw.....	Dec. 1-Feb. 28.....	16		
Lake.....	Dec. 1-31.....	3		
Lapeer.....	do.....	1		
Leelanau.....	Jan. 1-31.....	2		
Livingston.....	Feb. 1-28.....	1		
Mackinac.....	do.....	4		
Macomb.....	do.....	7		
Marquette.....	Dec. 1-Jan. 31.....	10		
Midland.....	Dec. 1-31.....	3		
Missaukee.....	do.....	3		
Monroe.....	do.....	2		
Muskegon.....	Jan. 1-31.....	1		
Newaygo.....	do.....	3		
Presque Isle.....	Dec. 1-31.....	1		
Saginaw.....	do.....	3	3	
Salinae.....	Jan. 1-Feb. 28.....	8		
St. Clair.....	Dec. 1-Feb. 28.....	7		
Washtenaw.....	Dec. 1-Jan. 31.....	3		
Wayne.....	Dec. 1-31.....	1		
Wexford.....	do.....	5		
Total for State.....		358	6	
<b>Minnesota:</b>				
Counties—				
Beltrami.....	Dec. 19-Feb. 13.....	6		
Bigstone.....	Dec. 26-Jan. 1.....	1		
Blue Earth.....	Dec. 19-25.....	1		
Dakota.....	Feb. 1-27.....	1		
Douglas.....	Dec. 5-Jan. 1.....	3		
Fillmore.....	Nov. 27-Dec. 4.....	1		
Hennepin.....	Dec. 3-Feb. 20.....	53		
Itasca.....	Feb. 20-27.....	1		
Kandiyohi.....	Jan. 24-30.....	1		
Koochiching.....	Dec. 5-Feb. 13.....	12		
Lac qui Parle.....	Jan. 10-16.....	1		
Le Sueur.....	Dec. 26-Feb. 6.....	4		
Lyon.....	Feb. 14-20.....	7		
Murray.....	Jan. 17-Feb. 27.....	6		
Nobles.....	Dec. 5-Feb. 27.....	4		
Norman.....	Dec. 12-Feb. 27.....	23		
Olmsted.....	Jan. 10-Feb. 20.....	6		
Pipestone.....	do.....	6		



## SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from Dec. 31, 1910, to Apr. 21, 1911.

Places.	Date.	Cases.	Deaths.	Remarks.
<b>Minnesota—Continued.</b>				
<b>Counties—Continued.</b>				
Pope.....	Jan. 3-9.....	3		
Ramsey.....	Dec. 5-Feb. 27.....	146		
Rice.....	Feb. 14-20.....	1		
Rock.....	Feb. 1-6.....	1		
St. Louis.....	Nov. 27-Feb. 20.....	9		
Sibley.....	Dec. 26-Jan. 16.....	2		
Todd.....	Dec. 5-Jan. 30.....	22		
Traverse.....	Feb. 1-6.....	1		
Wabasha.....	Dec. 26-Jan. 1.....	1		
Wadena.....	Dec. 26-Jan. 2.....	2		
Washington.....	Feb. 7-20.....	2		
Winona.....	Jan. 17-23.....	1		
Total for State.....		328		
<b>*Mississippi:</b>				
Biloxi.....	Mar. 13.....			Present.
<b>*Missouri:</b>				
Kansas City.....	Nov. 1-Feb. 28.....	184		
St. Joseph.....	Feb. 5-18.....	16		
St. Louis.....	Dec. 18-Apr. 2.....	58	1	
Springfield.....	Feb. 5-11.....	10		
Total for State.....		268	1	
<b>Montana:</b>				
<b>Counties—</b>				
Beaverhead.....	Jan. 1-28.....	3		
Cascade.....	Dec. 1-28.....	14		
Chouteau.....	Jan. 1-28.....	8		
Custer.....	Dec. 1-Jan. 3.....	2		
Dawson.....	Nov. 1-28.....	5		
Deer Lodge.....	do.....	16	1	
Gallatin.....	Feb. 1-28.....	1		
Jefferson.....	do.....	1		
Lewis and Clark.....	do.....	1		
Missoula.....	Jan. 1-31.....	2		
Powell.....	do.....	1		
Ravalli.....	Dec. 1-28.....	5		
Silver Bow, exclusive of Butte.....	Nov. 1-28.....	32		
Butte.....	do.....	54		
Teton.....	Jan. 1-28.....	7		
Total for State.....		152	1	
<b>*Nebraska:</b>				
Lincoln.....	Dec. 1-Jan. 31.....	31		
South Omaha.....	Jan. 1-Apr. 8.....	12		
Total for State.....		43		
<b>New Jersey:</b>				
<b>Counties—</b>				
Bergen.....	Dec. 1-Mar. 31.....	3		
Camden.....	Mar. 1-31.....	1		
Middlesex.....	Jan. 1-31.....	1		
Salem.....	Jan. 1-Feb. 28.....	27		
Total for State.....		32		
<b>New York:</b>				
<b>Counties—</b>				
Allegany.....	Nov. 1-30.....	1		
Chautauqua.....	Jan. 1-31.....	4		
Columbia.....	do.....	1		
Niagara.....	Dec. 1-Jan. 31.....	2		
Onondaga.....	Jan. 1-31.....	1		
St. Lawrence.....	Feb. 1-28.....	4		
Steuben.....	do.....	1		
Tioga.....	Dec. 1-31.....	1		
Tompkins.....	Nov. 1-30.....	1		
Total for State.....		16		

## SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from Dec. 31, 1910, to Apr. 21, 1911.

Places.	Date.	Cases.	Deaths.	Remarks.
<b>North Carolina:</b>				
Counties—				
Alamance	Jan. 1-Feb. 28	11		
Beaufort	Dec. 1-Feb. 28	39		
Bertie	Jan. 1-Feb. 28	2		
Bladen	Nov. 1-Feb. 28	113		
Brunswick	Dec. 1-Jan. 31	49		Feb. 1-28, present.
Burke	Jan. 1-Feb. 28	2		
Carteret	Nov. 1-Jan. 31	4		
Caswell	Jan. 1-31	9		
Chatham	Dec. 1-Feb. 28	64		
Cherokee	Feb. 1-28	15		
Cleveland	Jan. 1-31			Present.
Columbus	Nov. 1-Feb. 28	75		
Craven	Jan. 1-Feb. 28	4		
Cumberland	Nov. 1-Feb. 28	56		
Currituck	Jan. 1-31	2		
Duplin	Dec. 1-Feb. 28	30		
Durham	Nov. 1-Feb. 28	490		
Edgecombe	Nov. 4-Jan. 31	7		
Franklin	Nov. 1-30	1		
Granville	Dec. 1-Feb. 28	28		
Henderson	do	29		
Hertford	Dec. 1-31	1		
Johnston	Dec. 1-Feb. 28	6		Jan. 1-31, present.
Jones	Jan. 1-31	6		
Lee	Dec. 1-Feb. 28	8		
Lenoir	Jan. 1-31	2		
Martin	Nov. 1-Dec. 31	17		
Mecklenburg	Jan. 1-Feb. 28	7		
Nash	Nov. 1-30	6		
New Hanover	Nov. 1-Feb. 28	669		
Northampton	Jan. 1-31	12		
Onslow	Dec. 1-Feb. 28	70		
Orange	Jan. 1-31	12		Feb. 1-28, present.
Pasquotank	Nov. 1-30	1		
Pender	Nov. 1-Jan. 31	127		Do.
Person	Jan. 1-Feb. 28	2		
Pitt	Nov. 1-Feb. 28	34		
Robeson	Nov. 1-Jan. 31	160		Do.
Rowan	Dec. 1-Feb. 28	5		
Rutherford	Feb. 1-28	1		
Sampson	Dec. 1-Feb. 28	33		
Scotland	Feb. 1-28	6		
Union	Nov. 1-Feb. 28	6		
Vance	Jan. 1-Feb. 28	28		
Wake	Nov. 1-Feb. 28	48		
Washington	Jan. 1-31	2		
Watauga	Feb. 1-28	1		
Wayne	Dec. 1-Feb. 28	14		
Wilkes	Jan. 1-Feb. 28	2		
Total for State		2,316		
<b>North Dakota:</b>				
Counties—				
Billings	Jan. 1-Mar. 31	27		
Cass	Dec. 1-31	1		
Grand Forks	Jan. 1-31	1		
Lamoure	Feb. 1-28	6		
McIntosh	Jan. 1-Feb. 28	2		
Morton	Dec. 1-31	1		
Nelson	Mar. 1-31	1		
Ramsey	Jan. 1-31	1		
Steele	Dec. 1-Jan. 31	19		
Stutsman	Jan. 1-Feb. 28	17		
Wells	Mar. 1-31	1		
Total for State		77		
<b>Ohio:</b>				
Counties—				
Ashland	Jan. 1-Feb. 28	2		
Butler	Mar. 1-31	1		
Clark	Jan. 1-Mar. 31	53	1	
Cuyahoga	Mar. 1-31	4		
Darke	do	8		
Delaware	Feb. 1-Mar. 31	2		
Franklin	Dec. 1-Feb. 28	12		
Fulton	Jan. 1-31	4		

## SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from Dec. 31, 1910, to Apr. 21, 1911.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Ohio—Continued.</b>				
<b>Counties—Continued.</b>				
Hamilton.....	Dec. 1-Mar. 31....	15		
Lorain.....	Dec. 1-31.....	2		
Lucas.....	Mar. 1-31.....	5		
Marion.....	do.....	13		
Miami.....	Feb. 1-28.....	1		
Monroe.....	Mar. 1-31.....	1		
Montgomery.....	Jan. 1-Feb. 28.....	2		
Portage.....	Dec. 1-31.....	1		
Ross.....	Jan. 1-31.....	1		
Scioto.....	Mar. 1-31.....	3		
Williams.....	Jan. 1-Mar. 31....	4		
Wood.....	Mar. 1-31.....	1		
Total for State.....		135	1	
<b>Oklahoma:</b>				
<b>Counties—</b>				
Adair.....	Nov. 1-30.....	1		
Atoka.....	Dec. 1-Feb. 28.....	2		
Beckham.....	Nov. 1-Feb. 28.....	70		
Blaine.....	do.....	19		
Bryan.....	do.....	18		
Caddo.....	do.....	27		
Canadian.....	Nov. 1-Jan. 31....	34		
Cherokee.....	Jan. 1-Feb. 28.....	4		
Choctaw.....	Jan. 1-31.....	14		
Cleveland.....	Feb. 1-28.....	3		
Coal.....	do.....	20	1	
Comanche.....	Jan. 1-Feb. 28.....	5		
Custer.....	Dec. 1-Jan. 31....	9		
Garfield.....	Dec. 1-Feb. 28.....	2		
Choctaw.....	Feb. 1-28.....	5		
Grady.....	Nov. 1-Feb. 28.....	7	1	
Green.....	Nov. 1-30.....	1		
Hughes.....	Nov. 1-Feb. 28.....	43		
Jackson.....	Jan. 1-Feb. 28.....	63		
Johnston.....	Jan. 1-31.....	1		
Kay.....	Dec. 1-31.....	1		
Kingfisher.....	Feb. 1-28.....	2		
Kiowa.....	do.....	2		
Latimer.....	Dec. 1-31.....	1		
Lincoln.....	Jan. 1-Feb. 28.....	53		
McCurtain.....	do.....	35		
McIntosh.....	Nov. 1-Dec. 31....	12		
Major.....	Dec. 1-31.....	4		
Marshall.....	Nov. 1-30.....	8		
Muskogee.....	Feb. 1-28.....	1		
Nowata.....	Jan. 1-31.....	9		
Oklfuskee.....	Jan. 1-Feb. 28.....	6		
Oklahoma.....	Dec. 1-Feb. 28.....	20		
Oklmulgee.....	Jan. 1-Feb. 28.....	19		
Osage.....	Dec. 1-Jan. 31....	3		
Payne.....	Feb. 1-28.....	3		
Pittsburg.....	Dec. 1-Feb. 28.....	4		
Pontotoc.....	Jan. 1-Feb. 28.....	3		
Pottawatomie.....	Jan. 1-31.....	6		
Seminole.....	Dec. 1-Jan. 31....	9		
Stephens.....	Dec. 1-31.....	1		
Tulsa.....	Nov. 1-Jan. 31....	3		
Washington.....	Dec. 1-Feb. 28.....	2		
Washita.....	Nov. 1-Feb. 28.....	12		
Woods.....	Dec. 1-Jan. 31....	11		
Total for State.....		578	2	
<b>Oregon:</b>				
<b>Counties—</b>				
Benton.....	Dec. 1-31.....	1		
Marion.....	do.....	9	4	
Multnomah.....	Oct. 1-Nov. 30....	8		
Polk.....	Nov. 1-30.....	1		
Umatilla.....	Dec. 1-31.....	1		
Total for State.....		20	4	
<b>Pennsylvania, entire State.....</b>				
	Oct. 1-31.....			No cases.
	Nov. 1-Jan. 31....	18	1	

## SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from Dec. 31, 1910, to Apr. 21, 1911.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>* South Carolina:</b>				
Camden.....	Jan. 15-21.....	1		
Charleston.....	Feb. 1-Mar. 31.....	5		
Seven Mile.....	Mar. 1.....	9	1	
Total for State.....		15	1	
<b>* Tennessee:</b>				
<b>Counties—</b>				
Davidson—				
Nashville.....	Jan. 8-Mar. 18.....	6		
Hamilton—				
Chattanooga.....	Jan. 1-Apr. 1.....	8	1	
Knox—				
Knoxville.....	Jan. 22-Apr. 8.....	51		
Shelby.....	Nov. 1-Mar. 31.....	344	3	
Total for State.....		409	4	
<b>Texas:</b>				
Counties—	Feb. 1-28.....		3	Reported out of date.
Bell.....	Feb. 1-28.....	1		
Cameron.....	Nov. 1-Feb. 28.....	68		
Cherokee.....	Jan. 1-Feb. 28.....	4		
Collin.....	Jan. 1-31.....	20		
Dallas.....	Dec. 1-31.....	24		
Dewitt.....	Feb. 1-28.....	4		
El Paso.....	Jan. 1-Feb. 28.....	48	3	
Grimes.....	Nov. 1-30.....	4		
Guadalupe.....	Jan. 1-31.....	5	2	
Henderson.....	Nov. 1-Feb. 28.....	15		
Hidalgo.....	Dec. 1-31.....	1		
Jones.....	Jan. 1-31.....	3		
McLennan.....	Nov. 1-Feb. 28.....	11		
Waco.....	Jan. 1-31.....	7		
Marion.....	Dec. 1-Feb. 28.....	18		
Matagorda.....	Jan. 1-31.....	5		
Nueces.....	Jan. 1-Feb. 28.....	4		
Orange.....	do.....	9		
Runnels.....	Jan. 1-31.....	1		
Swisher.....	Dec. 1-31.....	2		
Tarrant.....	Dec. 1-Feb. 28.....	9		
Taylor.....	Jan. 1-31.....	1		
Uvalde.....	do.....	1		
Van Zant.....	Feb. 1-28.....	1		
Willis Point.....	Nov. 1-Jan. 31.....	8	1	
Total for State.....		274	9	
<b>Utah:</b>				
<b>Counties—</b>				
Beaver.....	Nov. 1-Feb. 28.....	118		
Boxelder.....	Jan. 1-Feb. 28.....	40		
Cache.....	Nov. 1-Feb. 28.....	11		
Davis.....	Dec. 1-Jan. 31.....	4		
Iron.....	Nov. 1-Feb. 28.....	83		
Juab.....	do.....	10		
Millard.....	do.....	50		
Plute.....	Jan. 1-31.....	14		
Rich.....	Feb. 1-28.....	13		
Salt Lake.....	Nov. 1-Feb. 28.....	75		
Sanpete.....	Dec. 1-Feb. 28.....	5		
Sevier.....	do.....	36		
Utah.....	Jan. 1-Feb. 28.....	65		
Washington.....	Nov. 1-Feb. 28.....	55		
Weber.....	do.....	35		
Total for State.....		614		
<b>Virginia:</b>				
<b>Counties—</b>				
Appomattox.....	Jan. 1-31.....	3		
Alexandria.....	do.....	5		
Culpeper.....	Jan. 1-Feb. 28.....	4		
Dinwiddie.....	Jan. 1-31.....	1		
Fairfax.....	Jan. 1-Feb. 28.....	3		
Fauquier.....	do.....	42		
Frederick.....	Jan. 1-31.....	4		
Lee.....	Jan. 1-Feb. 28.....	270		
Loudoun.....	do.....	7		

## SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from Dec. 31, 1910, to Apr. 21, 1911.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Virginia—Continued.</b>				
<b>Counties—Continued.</b>				
Lunenburg.....	Jan. 1-31.....	8	.....	
Nansemond.....	do.....	4	.....	
Prince William.....	Feb. 1-28.....	2	.....	
Roanoke.....	Jan. 1-31.....	1	.....	
Southampton.....	do.....	1	.....	
Stafford.....	do.....	10	.....	
Wise.....	do.....	7	.....	
Total for State.....		372		
<b>Washington:</b>				
<b>Counties—</b>				
Chelan.....	Jan. 1-31.....	1	.....	
Clallam.....	do.....	12	.....	
Ferry.....	do.....	1	.....	
King.....	Dec. 1-Jan. 31.....	43	.....	
Pacific.....	Jan. 1-31.....	1	.....	
Pierce.....	Dec. 1-Jan. 31.....	9	.....	
Skagit.....	Nov. 1-Jan. 31.....	105	.....	
Snohomish.....	Dec. 1-Jan. 31.....	10	.....	
Spokane.....	Nov. 1-Jan. 31.....	3	.....	
Stevens.....	Dec. 1-31.....	1	.....	
Walla Walla.....	Jan. 1-31.....	1	.....	
Whatcom.....	do.....	21	.....	
Yakima.....	do.....	1	.....	
Total for State.....		209		
<b>Wisconsin:</b>				
<b>Counties—</b>				
Ashland.....	Jan. 1-Feb. 28.....	6	.....	
Barron.....	Jan. 1-Mar. 31.....	5	.....	
Buffalo.....	Feb. 1-28.....	1	.....	
Chippewa.....	Dec. 1-Mar. 31.....	12	.....	
Dane.....	Jan. 1-31.....	2	.....	
Douglas.....	Feb. 1-Mar. 31.....	7	.....	
Dunn.....	Dec. 1-Mar. 31.....	18	.....	
Eau Claire.....	Feb. 1-28.....	4	.....	
Green.....	Jan. 1-31.....	2	.....	
Iowa.....	Dec. 1-Mar. 31.....	65	.....	
Iron.....	Mar. 1-31.....	1	.....	
Jefferson.....	Dec. 1-Jan. 31.....	10	.....	
Lafayette.....	Dec. 1-Feb. 28.....	11	.....	
La Crosse.....	Dec. 1-Mar. 31.....	10	.....	
Lincoln.....	Feb. 1-Mar. 31.....	2	.....	
Milwaukee.....	Dec. 1-Feb. 28.....	10	.....	
Monroe.....	Mar. 1-31.....	1	.....	
Oneida.....	Dec. 1-Mar. 31.....	7	.....	
Pierce.....	Feb. 1-28.....	1	.....	
Price.....	Mar. 1-31.....	1	.....	
Rusk.....	do.....	1	.....	
Sheboygan.....	do.....	1	.....	
St. Croix.....	Dec. 1-Feb. 28.....	7	.....	
Vernon.....	Jan. 1-Feb. 28.....	10	.....	
Vilas.....	Dec. 1-31.....	1	.....	
Walworth.....	Jan. 1-31.....	1	.....	
Washington.....	Dec. 1-31.....	1	.....	
Total for State.....		198		
Grand total for the United States.....		10,078	43	



## MORBIDITY AND MORTALITY.

## MORBIDITY AND MORTALITY TABLES, CITIES OF THE UNITED STATES, FOR WEEK ENDED APR. 8, 1911.

Cities.	Popula- tion, United States, census 1910.	Total deaths, from all causes.	Diph- theria.		Measles.		Scarlet fever.		Small- pox.		Tuber- culosis.		Ty- phoid fever.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Cities having over 500,000 inhabitants.														
Baltimore, Md.	558,485	237	18	1	166	9	30				38	32	11	2
Boston, Mass.	670,585	290	45	7	134	1	50	2			90	36	6	2
Chicago, Ill.	2,185,283	681	123	15	340	4	217	8	1		110	80	8	.....
Cleveland, Ohio.	560,663	172	25	2	103	3	118	2			45	9	8	3
New York, N. Y.	4,766,883	1,756	300	39	858	16	601	33			530	195	23	6
Philadelphia, Pa.	1,549,008	626	54	11	749	17	40	10			75	75	27	3
Pittsburg, Pa.	533,905	149	10	2	62	1	6	2			28	21	5	1
St. Louis, Mo.	687,029	214	34	2	522	6	149	4	11		49	21	9	.....
Cities having from 300,000 to 500,000 inhabitants.														
Buffalo, N. Y.	423,715	154	25	1	4	24	2	1			8	4	2	2
Cincinnati, Ohio.	364,463	9	1	9	1	45	3	3			29	20	1	.....
Detroit, Mich.	465,766	142	19	6		22	2				2	10	.....	4
Los Angeles, Cal.	319,198	4		19		10					23	16	5	.....
Milwaukee, Wis.	373,857	97	18	1	10	42	2				19	8	15	2
Newark, N. J.	347,469	106	22	2		23					16	17	3	.....
New Orleans, La.	339,075	154	14		134	4	9		10		27	19	10	.....
San Francisco, Cal.	416,912	128	8		50	1	32				24	14	2	1
Washington, D. C.	331,069	117	7		136		11				18	16	6	1
Cities having from 200,000 to 300,000 inhabitants.														
Denver, Colo.	213,381	78	11		159	4	10		22		13	1	1	.....
Jersey City, N. J.	267,779	84			2	2	2				10	.....	.....	.....
Kansas City, Mo.	248,381		2		12		13	1			9	9	2	2
Louisville, Ky.	223,928	65	6	1	23		11				26	13	5	2
Providence, R. I.	224,326	79	12		2		11				14	4	1	.....
Seattle, Wash.	237,194	39	4		79		13	2	19		4	7	.....	.....
Cities having from 100,000 to 200,000 inhabitants.														
Atlanta, Ga.	154,839						2				6	4	.....	1
Birmingham, Ala.	132,685	51	81				5		2		1	1	.....	.....
Bridgeport, Conn.	102,054	22	3		6		2				5	4	1	.....
Cambridge, Mass.	104,839	37	4		25	2	2				7	12	1	.....
Columbus, Ohio.	181,548	52			29		2		1		1	6	.....	.....
Dayton, Ohio.	116,577	60			1						6	5	.....	.....
Fall River, Mass.	119,295	42	4	1	24		1				4	4	7	.....
Grand Rapids, Mich.	112,571	44			53		4		1		2	2	.....	.....
Lowell, Mass.	106,294	26	3				2				2	7	.....	.....
Memphis, Tenn.	131,105		1		24		1		4		2	7	.....	.....
Nashville, Tenn.	110,364	45			4		5				1	3	1	.....
Oakland, Cal.	150,174	53	2		11						1	.....	.....	.....
Richmond, Va.	127,628	49			14	1	1		1		3	6	1	.....
Spokane, Wash.	104,402	25	4		54		4				1	1	.....	.....
Toledo, Ohio.	168,497	56	15	2	2		3		1		13	8	1	.....
Worcester, Mass.	145,986	47	8		6		10	2			10	1	3	.....
Cities having from 50,000 to 100,000 inhabitants.														
Altoona, Pa.	52,127	13					1				2	2	.....	.....
Bayonne, N. J.	55,545		4		28	2	1					.....	.....	.....
Brockton, Mass.	56,878	17	3		4		2				3	.....	1	.....
Camden, N. J.	94,538		1				1					.....	.....	.....
Canton, Ohio.	50,217	14					4					.....	.....	.....
Covington, Ky.	53,270	16	1		1		3					2	.....	.....
Duluth, Minn.	78,466	20	2		11		12				2	3	1	1
Elizabeth, N. J.	73,409	21	3		6		12				4	1	.....	.....
Erie, Pa.	66,525	31	2	1	2		4				1	5	22	3
Evansville, Ind.	69,647	27	1		88						6	.....	.....	.....
Harrisburg, Pa.	64,186	15	2		3						8	3	1	.....

<sup>1</sup> Including 21 cases not reported week ended Apr. 1.

*Weekly morbidity and mortality tables, cities of the United States, for week ended Apr. 8, 1911—Continued.*

Cities.	Population, United States, census 1910.	Total deaths, from all causes.	Diph- theria.		Measles.		Scarlet fever.		Small- pox.		Tuber- culosis.		Ty- phoid fever.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Cities having from 50,000 to 100,000 inhabitants—Con.														
Hartford, Conn. ....	98,915	49	4		8		18				3			
Hoboken, N. J. ....	70,324		1											
Houston, Tex. ....	78,800	30							2			3		
Jacksonville, Fla. ....	57,699	19			8		4		15				4	2
Johnstown, Pa. ....	55,482	23	1		32		1				1			
Lawrence, Mass. ....	85,892	33	2		16		1				4		1	
Lynn, Mass. ....	89,336	23	1		17		4				5		3	
Manchester, N. H. ....	70,063	27			10		2				2		3	
New Bedford, Mass. ....	96,652		1		1		5				4		5	1
Oklahoma City, Okla. ....	64,205	18	2		12		6				3		2	
Passaic, N. J. ....	54,773	9	4		9		4				2			
Peoria, Ill. ....	66,950	26		1				1			2			
Reading, Pa. ....	96,071	36	8	1	35		3		4	1		2		1
San Antonio, Tex. ....	96,614	18			5		1					11	1	2
Schenectady, N. Y. ....	72,826	19	2				4				7		1	
Somerville, Mass. ....	77,236	29	4		19		3		1		3		2	
South Bend, Ind. ....	53,684	18	2		4		20				4			
Springfield, Ill. ....	51,678	11					6	1				1		
Springfield, Mass. ....	88,926	26	3		15		5				8		2	1
Tacoma, Wash. ....	83,743	20	1		1		2		1					
Trenton, N. J. ....	96,815	50	1		1		1				8		5	1
Utica, N. Y. ....	74,419	23	3	2	9		5				1		2	
Waterbury, Conn. ....	73,141	4			15		2				4			
Wichita, Kans. ....	52,450	15			33				1			2	1	
Wilkes-Barre, Pa. ....	67,105	17	2				1				1			
Wilmington, Del. ....	87,411	30			3				1			2		
Yonkers, N. Y. ....	79,803	18	3	1	14		11				9		3	
Youngstown, Ohio ....	79,066	30	1		2		4				6		1	
Cities having from 25,000 to 50,000 inhabitants.														
Atlantic City, N. J. ....	46,150	11	1	1			5				1		1	
Auburn, N. Y. ....	34,668	7			3		7				3			
Aurora, Ill. ....	29,807	19	2	1			1					2		
Berkeley, Cal. ....	40,434	8	1		9							1	2	
Binghamton, N. Y. ....	48,443	19			44						1		1	
Brookline, Mass. ....	27,792	10	1		14									
Charlotte, N. C. ....	34,014				1									
Chelsea, Mass. ....	32,452	9	2		9		1				2			
Chicopee, Mass. ....	25,401	5	1		2		3							
Decatur, Ill. ....	31,140		2				4					1		1
Dubuque, Iowa. ....	38,494	19					4							2
East Orange, N. J. ....	34,371	6			2						1	2		
Elgin, Ill. ....	25,976		1				3		6					
Elmira, N. Y. ....	37,176	18	2									1	1	
El Paso, Tex. ....	39,279	40	1		10		2					12		
Everett, Mass. ....	33,484	6	1				2				2		1	
Fitchburg, Mass. ....	37,826	11			1		1				3		1	
Haverhill, Mass. ....	44,115	12	1				5				1			
Kalamazoo, Mich. ....	39,437	15			12		3					1		1
Kingston, N. Y. ....	25,908	5			5		1							
Knoxville, Tenn. ....	36,346	17	1		10		1		6			5		
La Crosse, Wis. ....	30,417	14			3		3				1	2	1	
Lancaster, Pa. ....	47,227	15	1		1		1				1	4	1	
Lexington, Ky. ....	35,099	8			20		1		1					
Lima, Ohio. ....	30,508	9			3		4					2		
Lynchburg, Va. ....	29,494	12	1		1		1				2			
Malden, Mass. ....	44,404		1		26		5							
Montgomery, Ala. ....	38,136	27							3		1	6	1	1
Mount Vernon, N. Y. ....	30,919	7					1							
Newcastle, Pa. ....	36,280		1										1	
Newport, Ky. ....	30,309	10	2								1	1		
Newton, Mass. ....	39,806	5			9		2	1						
Niagara Falls, N. Y. ....	30,445	15	1		1		1				1		17	2
Norristown, Pa. ....	27,875	8			15		5				1	1	1	1
Orange, N. J. ....	29,630	11	2		2		2				2		1	
Pasadena, Cal. ....	30,291	8												

## MORBIDITY AND MORTALITY—Continued.

*Weekly morbidity and mortality tables, cities of the United States, for week ended Apr. 8, 1911—Continued.*

Cities.	Popula- tion, United States, census 1910.	Total deaths, from all causes.	Diph- theria.		Measles.		Scarlet fever.		Small- pox.		Tuber- culosis.		Ty- phoid fever.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Cities having from 25,000 to 50,000 inhabitants—Con.														
Pittsfield, Mass.	32,121	18					3				1	2		
Portsmouth, Va.	33,190	10	2		21				1					
Racine, Wis.	38,002	8	3				5						1	
Roanoke, Va.	34,874	8	2		7		4							
Sacramento, Cal.	44,696	11			1							1	1	
San Diego, Cal.	39,578	9									2	2		
San Jose, Cal.	28,946	7										3		
South Omaha, Nebr.	26,259	3							2					
Superior, Wis.	40,384	9	4						2			1		
Taunton, Mass.	34,259	13					2				1	1		
Waltham, Mass.	27,834	6	7	1	4		2				1	1		
West Hoboken, N. J.	35,403		1	1	9		1				1			
Wheeling, W. Va.	41,641	18	2	1	36		1				3	3		
Williamsport, Pa.	31,860	13										1		
Zanesville, Ohio.	28,026	12					1						1	
Cities having less than 25,000 inhabitants.														
Ann Arbor, Mich.	14,817	10			12									
Beaver Falls, Pa.	12,191	1			7									
Biddeford, Me.	17,079	1					1							
Cambridge, Ohio.	11,327	1												
Camden, S. C.		4			1									
Carbondale, Pa.	17,040	6												
Clinton, Mass.	13,075										1			
Coffeyville, Kans.	12,687	3							4					
Columbus, Ga.	20,554	5										2		
Columbus, Ind.		3												
Concord, N. H.	21,497	2			1								1	
Cumberland, Md.	21,839	7	1									1		
Dunkirk, N. Y.		8					1							
Freeport, Ill.	17,567	5											1	
Galesburg, Ill.	20,089	2												
Honoloe, Mass.	24,398	4												
Harrison, N. J.	14,498	3												
Homestead, Pa.	18,713	3			3									
Hyde Park, Mass.	15,507	6												
Kearny, N. J.	18,659	6	3				1							
La Fayette, Ind.	20,081	4			5		1					1		
Lebanon, Pa.	19,240				14						3		4	
Manitowoc, Wis.	13,027	4										1		
Marquette, Wis.	14,610	3												
Marlboro, Mass.	14,579	1			1			1			1			
Massillon, Ohio.	13,879	4												
Medford, Mass.	23,150	2			4	1	1				3			
Melrose, Mass.	15,715	9			2		1							
Moline, Ill.	24,199	7	4	1	11		4					2		
Montclair, N. J.	21,550	7	1	1			2				4	1	3	
Morristown, N. J.	12,507	9			1		4							
Nanticoke, Pa.	18,577	7												
Newburyport, Mass.	14,946	7										1		
North Adams, Mass.	22,019		2	1				1						
Northampton, Mass.	19,431											1		
Paducah, Ky.	22,760	9												
Peekskill, N. Y.		10	1		14		1				3	1		
Plainfield, N. J.	20,550	6			4									
Portsmouth, N. H.	11,209		1	1	21									
Pottstown, Pa.	15,559	5					5							
Rock Island, Ill.		9		1	4								7	
Sandusky, Ohio.	19,989	14			1								1	
Saratoga Springs, N. Y.		8	2								2	2		
South Bethlehem, Pa.	19,973	2									5			
Steeleton, Pa.	14,246	1	2								7			
Wilkesburg, Pa.	18,924	5						1						
Woburn, Mass.	15,308	6									1	1		

**STATISTICAL REPORTS OF MORBIDITY AND MORTALITY, STATES AND CITIES OF THE UNITED STATES (untabulated).**

**CONNECTICUT.**—Month of March, 1911. Population of reporting towns, 1,099,789. Total number of deaths from all causes 1,682, including diphtheria 23, measles 17, scarlet fever 11, tuberculosis, pulmonary, 139, typhoid fever 3. Cases reported: Diphtheria 164 in 44 towns, measles 785 in 64 towns, scarlet fever 437 in 63 towns, tuberculosis, pulmonary, 152 in 37 towns, typhoid fever 28 in 21 towns.

**FLORIDA.**—Week ended April 8, 1911. Reports from the State board of health show diphtheria present in 1 locality with 1 case, smallpox in 9 counties with 71 cases (1 death), malaria in 4 localities with 46 cases, tuberculosis in 8 localities with 14 cases, typhoid fever in 4 localities with 8 cases.

**MICHIGAN.**—Month of February, 1911. Population, 2,810,173. Total number of deaths from all causes 3,366, including diphtheria 26, measles 18, scarlet fever 19, tuberculosis 216, typhoid fever 39. Cases reported: Diphtheria 218 in 52 localities, measles 1,486 in 113 localities, scarlet fever 537 in 141 localities, smallpox 136 in 32 localities, tuberculosis 161, typhoid fever 147 in 38 localities.

**MINNESOTA—Minneapolis.**—Month of January, 1911. Population 301,408. Total number of deaths from all causes 377, including diphtheria 3, scarlet fever 2, tuberculosis 45, typhoid fever 1. Cases reported: Diphtheria 79, scarlet fever 73, smallpox 22, tuberculosis 81, typhoid fever 21.

Month of February, 1911. Total number of deaths from all causes 283, including diphtheria 4, scarlet fever 4, tuberculosis 35, typhoid fever 2. Cases reported: Diphtheria 50, scarlet fever 68, smallpox 40, tuberculosis 73, typhoid fever 14.

**UTAH.**—Month of March, 1911. Population 373,351. Total number of deaths from all causes 367, including diphtheria 7, measles 12, scarlet fever 6, smallpox 1, tuberculosis 10, typhoid fever 2. Cases reported: Diphtheria 66, measles 1,058, scarlet fever 204, smallpox 161, tuberculosis 9, typhoid fever 24.

**WISCONSIN—Oshkosh.**—Month of March, 1911. Population 33,062. Total number of deaths from all causes not reported. Ten deaths from measles reported. Cases reported: Diphtheria 3, measles 90, scarlet fever 4, typhoid fever 2.

## FOREIGN AND INSULAR

### BRAZIL.

#### PARA—Plague.

In a telegram received April 24 the American consul reported to the Department of State the presence of plague at Para.

### CHINA.

#### AMOY—Plague in Vicinity.

Acting Asst. Surg. Bonthius reports, March 20:  
Plague continues seriously prevalent in the surrounding country.

#### CHEFOO—Plague.

Consul Foster reports, March 6:  
During the week ended March 4 there were 211 fatal cases of plague reported in Chefoo. This shows a slight decrease from the number reported for the week ended February 25.

#### HARBIN—Status of Plague—Improved Conditions.

Consul Greene reports, March 22:

During the week ended March 18 no death from plague occurred at Fuchiatien and no case was reported. There have now been 11 successive days, to March 20, inclusive, which have been free from plague. Persons from outside the town are not yet admitted without special permit. The greater part of the Chinese medical staff left March 15 for Mukden.

There are still occasional cases in Harbin, but it is likely that the next week or two will see the end of the epidemic here. The Russian plague bureau states that according to information received the epidemic has practically come to an end also in the other cities of north Manchuria, though private information would indicate that there has been a large number of deaths lately in the villages near Ashiho.

The returns for the week ended March 18, 1911, are as follows:

	Deaths, Mar. 12-18, 1911.	Total since beginning, Nov. 8, 1910.
Harbin.....	9	1,554
Bodies found outside city.....	3	
Fuchiatien.....	0	5,149
Total.....	12	6,703

**MUKDEN—Declared Free from Plague.**

On April 17 a telegram was received at the Department of State from the American consul general at Mukden reporting that his consular district was free from plague.

Consul General Fisher had previously reported by letter dated March 13:

The number of deaths from plague in Mukden during the week ended March 11 was 146, as compared with 163 deaths during the week ended March 4, 177 during the week ended February 25, and 221 during the week ended February 18. The number of deaths for March 11 and 12 was 9 and 11, respectively.

Conditions at the other open towns in south Manchuria continue to show improvement. At Kirin the latest reports show an average of 2 deaths a day. At Changchun 147 deaths were reported during the week ended March 9, as compared with 207 during the week ended March 22, 409 during the week ended February 23, and 513 during the week ended February 16. At Tiehling, Kaiyuan, and Liaoyang from 2 to 5 deaths are now reported daily from each. No recent reports are at hand from Fakumen. At Hsinmintun 68 deaths are reported for the week ended March 7, as compared with 74 for the week ended February 28.

The region between Ninguta and Hunchun is reported still free from infection. This is perhaps due to the difficult means of transportation, owing to the heavy snowfall in the district.

The local sanitary department reports a total of 31,432 plague deaths in Manchuria to March 10. Of this number 1,656 deaths occurred at Mukden.

In south Manchuria there appears to be a considerable revival of business. The cart traffic between the interior and the different grain markets along the railway and the river, which was interrupted by the plague epidemic, is now being resumed.

**SHANGHAI—Fumigation of Lighters.**

Acting Assistant Surgeon Ransom reports, March 14:

The foreign lighter companies at Shanghai have agreed to fumigate their fleets at least once in every three months for the destruction of rats, the work of fumigation to be done under the supervision of this office, and the shipping agents have agreed to employ only fumigated lighters in transferring cargo to vessels loading for American ports. This eliminates the native-owned cargo boats and sampans from the business of lightering, and these were probably the chief source of danger from infection, as they are inhabited not only by entire families, but also by numerous rats and other animals. The fumigation of each boat will be certified to the shipping agent before cargo is taken for American ports.



**CUBA.****Transmissible Diseases.**

The following statement of transmissible diseases in the island of Cuba, issued by the national department of sanitation for the period March 1 to 10, 1911, was forwarded by Acting Asst. Surg. Villoldo at Habana April 1:

*Mar. 1-10, 1911.*

	New cases.	Deaths.	Remain- ing under treat- ment.
Tuberculosis.....	110	92	2,463
Leprosy.....	2	4	343
Malaria.....	46	2	176
Typhoid fever.....	13	5	59
Diphtheria.....	31	4	22
Scarlet fever.....	14	2	28
Measles.....	213	4	423
Varicella.....	41		43
Tetanus in the newborn.....	9	7	3
Filariasis.....			1
Dengue.....			1
Typhus.....			1

**GERMAN EAST AFRICA.****Plague.**

The health bureau of the German Empire gives the following information in its weekly publications of March 29 and April 12:

On March 7 there were reported at Muanza 20 new cases of plague, with 1 death, and from March 11 to 22 there were reported 4 new cases.

Plague was present at Muanza with 1 case November 16, 1910, and from December 20 to 28 there were reported 5 fatal cases, of which 2 were of the pneumonic form.

**HAWAII.****Plague at Honokaa.**

Chief Quarantine Officer Ramus reports the occurrence of a death from plague at Honokaa April 19.

**INDIA.****CALCUTTA—Cholera, Plague, and Smallpox.**

Acting Asst. Surg. Allan reports, March 23:

During the week ended March 4 there were reported 30 deaths from cholera, 32 from plague, and 1 from smallpox; in all Bengal 5,104 cases of plague with 3,873 deaths; in all India 34,524 cases of plague with 28,113 deaths.

## ITALY.

## NAPLES—Examination of Emigrants—Smallpox.

*Vessels inspected at Naples and Palermo week ended Apr. 1.*

## Surgeon Geddings reports, April 3:

## NAPLES.

Date.	Names of ships.	Destination.	Steerage passengers inspected and passed.	Pieces of baggage inspected and passed.	Pieces of baggage disinfected.
Mar. 26	Luisiana.....	New York.....	997	70	1,280
29	Sant' Anna.....	do.....	992	120	1,230
29	Duca d'Aosta.....	do.....	1,232	180	1,450
30	Celtic.....	do.....	1,918	190	2,850
30	Taormina.....	Philadelphia.....	1,222	110	1,580
	Total.....		6,361	670	8,390

## PALERMO.

Mar. 24	Perugia.....	New York.....	279	450	200
30	Sant' Anna.....	do.....	446	700	250
31	Taormina.....	Philadelphia.....	89	200	100
	Total.....		814	1,350	550

*Rejections recommended.*

## NAPLES.

Date.	Names of ships.	Trachoma.	Favus.	Suspected trachoma.	Scarlet fever.	Other causes.	Total.
Mar. 26	Luisiana.....	32	2	25		7	66
29	Sant' Anna.....	21	1	9	1	6	38
29	Duca d'Aosta.....	40	1	22		8	71
30	Celtic.....	31	2	19		8	60
30	Taormina.....	19	1	16		6	42
	Total.....	143	7	91	1	35	277

## PALERMO.

Mar. 24	Perugia.....	13		8		4	25
30	Sant' Anna.....	13		22		3	38
31	Taormina.....	7		12		1	20
	Total.....	33		42		8	83

*Smallpox in Naples.*—During the week ended April 1 there were reported at the health office of the city of Naples 19 cases of smallpox, with 4 deaths.

## JAVA.

## BATAVIA—Cholera.

The following was received from the Department of State April 26: The American consul at Batavia reports the presence of cholera.

**PERU.****Status of Plague.**

Acting Asst. Surg. Castro-Gutierrez at Callao reports, March 27:  
The following statement of plague in Peru was received from the bureau of public health:

*Month of February, 1911.*

Localities.	Cases remaining Jan. 31.	New cases.	Re-covered.	Died.	Remain- ing Feb. 28.
Department:					
Ancash.....	0	14	0	2	12
Arequipa.....	9	3	7	2	3
Cajamarca.....	0	7	2	5	0
Callao.....	2	1	1	2	0
La Libertad.....	18	73	8	29	54
Lambayeque.....	2	4	4	2	0
Ilima.....	4	18	5	8	9
Piura.....	7	25	6	14	11

<sup>1</sup> 1 unknown.

Bills of health from ports south of Callao show as follows: Valparaiso (Mar. 15), 60 cases of smallpox in the past 2 weeks; Iquique (Mar. 19), 3 cases of plague in the past 2 weeks; Arica (Mar. 20), a few cases of plague; Mollendo (Mar. 21), 3 cases of plague, with 1 death, in the past 2 weeks.

**PHILIPPINE ISLANDS.****Status of Cholera.**

Chief Quarantine Officer Heiser at Manila reports March 8: During the week ended March 4 no quarantinable diseases were reported in the city of Manila.

During the same period there were reported 6 cases of cholera with 5 deaths in the Province of Albay.

**RUSSIA.****Detention of Emigrants at Libau Discontinued.**

On account of the continued reports as to the absence of cholera in Russia, the acting assistant surgeon of the service on duty at the American consulate at Libau was cabled, April 21, 1911, to discontinue the five days' detention of passengers unless the latter are from known infected districts.

**TRINIDAD.****Plague.**

The American consul reported April 26 the occurrence of 1 case of plague.

**VENEZUELA.****CARACAS—Plague.**

In a telegram received April 25 the American minister reported to the Department of State the occurrence of 3 cases of plague at Caracas.

## CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX.

## Reports Received During Week Ended Apr. 28, 1911.

[These tables include cases and deaths recorded in reports received by the Surgeon General, Public Health and Marine-Hospital Service, from American consuls, through the Department of State, and from other sources.]

## CHOLERA.

Places.	Date.	Cases.	Deaths.	Remarks.
India:				
Bombay.....	Mar. 12-18.....	1	1	
Calcutta.....	Feb. 20-Mar. 4.....		30	
Madras.....	Mar. 12-18.....	5	4	
Madras Presidency <sup>1</sup> .....	Feb. 1-28.....	4,200	2,316	
Java:				
Batavia.....	Apr. 26.....			Present.
Philippine Islands:				
Albay, province.....	Feb. 26-Mar. 11...	6	5	

## PLAGUE.

Brazil:				
Bahia.....	Jan. 28-Feb. 24....	12	9	
Para.....	Apr. 24.....			Present.
Chile:				
Arica.....	Mar. 20.....			Do.
Iquique.....	Mar. 5-19.....	3		
China:				
Amoy.....	Mar. 18.....	1	1	Increasing in vicinity.
Manchuria—				
Harbin.....	Mar. 12-18.....		12	
Mukden.....	Mar. 5-12.....	165		
Shantung Province—				
Chinchowfu.....	Mar. 12-18.....			Present.
Pingtau.....	do.....			Do.
German East Africa:				
Muanza.....	Nov. 16-Mar. 22...	30	6	
Hawaii:				
Honakaa.....	Apr. 19.....	1	1	
India:				
Bombay.....	Mar. 12-18.....	157	145	
Calcutta.....	Feb. 26-Mar. 4.....		32	
Kurrachi.....	Mar. 12-18.....	83	79	
Rangoon.....	Mar. 5-11.....	24	24	
Indo-China:				
Saigon.....	Feb. 27-Mar. 5.....	2		
Japan:				
Formosa.....	Mar. 5-18.....	6	5	In the southern part.
Peru:				
Departments—				
Ancash.....	Feb. 1-28.....	14	2	
Arequipa.....		3	2	
Cajamarca.....		7	5	
Callao.....		1	2	
La Libertad.....		73	29	Apr. 4: cases in lazaretto, 48.
Lambayeque.....		4	2	
Lima.....		18	8	
Piura.....		25	14	
Russia:				
Kirghis Steppe.....	Feb. 3-7.....	7	7	
Straits Settlements:				
Trinidad.....	Apr. 26.....	1		
Singapore.....	Mar. 6-11.....	1	1	
Venezuela:				
Caracas.....	Apr. 25.....	3		

## SMALLPOX.

Arabia:				
Aden.....	Mar. 1-Apr. 3.....	57	9	And vicinity.
Belgium:				
Antwerp.....	Mar. 26-Apr. 1....	1		
Canada:				
Halifax.....	Mar. 5-Apr. 15....	6		
St. Marys.....	Apr. 9-15.....	1		
Sydney.....	do.....	1		
Winnipeg.....	do.....	1		

<sup>1</sup> Bulletin Quarantenaire d'Egypte, Mar. 30, 1911.

<sup>2</sup> From the Veröffentlichungen des Kaiserlichen Gesundheitsamtes, Mar. 29 and Apr. 12, 1911.

## CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.

## Reports Received During Week Ended Apr. 28, 1911.

## SMALLPOX—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Ceylon:				
Colombo.....	Mar. 5-11.....	1		
China:				
Hongkong.....	.....do.....	19	7	Deaths among natives.
Shanghai.....	Mar. 13-19.....	4	12	
Tsingtau.....	Mar. 12-18.....	2		
Egypt:				
Cairo.....	.....do.....	1		
Port Said.....	.....do.....	5	4	
France:				
Paris.....	Mar. 26-Apr. 1.....	8		
Germany:				
Magdeburg.....	Mar. 19-25.....	1		
India:				
Bombay.....	Mar. 12-18.....	41	19	
Calcutta.....	Feb. 26-Mar. 4.....		1	
Madras.....	Mar. 12-18.....	98	36	
Rangoon.....	Mar. 5-11.....	129	59	
Indo-China:				
Saigon.....	Feb. 27-Mar. 5.....	42		
Italy:				
Naples.....	Mar. 26-Apr. 1.....	19	4	
Palermo.....	.....do.....	11	7	
Japan:				
Nagahama.....	Mar. 23.....	1		From steamship Luceric from Hongkong via ports.
Mexico:				
Aguascalientes.....	Mar. 20-Apr. 9.....		13	
Ensenada.....	Apr. 2-8.....	4	1	
Mexico.....	Mar. 12-25.....		17	
San Luis Potosi.....	Mar. 19-25.....	10	9	
Portugal:				
Lisbon.....	Mar. 26-Apr. 1.....	17		
Russia:				
Odessa.....	Mar. 13-19.....	3		
Riga.....	Mar. 26-Apr. 1.....	15		
St. Petersburg.....	Mar. 12-25.....	60	14	
Siberia:				
Vladivostok.....	Jan. 22-Feb. 13.....	15	1	
Spain:				
Seville.....	Mar. 1-31.....		1	
Valencia.....	Mar. 26-Apr. 1.....	15		
Straits Settlements:				
Singapore.....	Mar. 5-11.....	6	1	
Switzerland:				
Bern, canton.....	Mar. 26-Apr. 1.....	5		
Syria:				
Beirut.....	Mar. 26-Apr. 1.....	3	1	

## Reports Received from Dec. 31, 1910, to Apr. 21, 1911.

[For reports received from June 25, 1910, to Dec. 30, 1910, see PUBLIC HEALTH REPORTS for Dec. 30, 1910. In accordance with custom, the tables of epidemic diseases are terminated semiannually and new tables begun.]

## CHOLERA.

Places.	Date.	Cases.	Deaths.	Remarks.
Arabia:				
Bajil.....	Jan. 18-Feb. 12.....	49	41	Present.
Hodeida.....	Jan. 23-Feb. 12.....	188	133	
Perin.....	Jan. 23.....			
Maskat.....	Nov. 20-30.....	7	7	
Menaka.....	Jan. 19-Feb. 12.....	97	24	Not previously reported.
Obal.....	Jan. 27-Feb. 12.....	3	3	
Zaida.....	.....do.....	27	15	
Austria-Hungary:	Aug. 3-Nov. 7.....		2	
Croatia and Slavonia.....	Dec. 4-17.....	5	2	Total for Hungary, Nov. 27-Dec. 17: Cases, 9; deaths, 3.
Maren.....	Oct. 1-9.....	3		
Hungary.....				
Bulgaria:				
Tartar-Pazardjik.....	Jan. 10.....	2	2	From steamship Bulgarie, 3 fatal cases having been reported on p. 1936, Vol. XXV.
Varna.....	Nov. 29.....	2		

## CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.

Reports Received from Dec. 31, 1910, to Apr. 21, 1911.

## CHOLERA—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Ceylon:				
Colombo.....	Dec. 11-24.....	4	3	
China:				
Niuchwang.....	Aug. 1-Nov. 22.....			Occasional cases.
Shanghai.....	Aug. 1-31.....		1	Reported out of date.
Formosa.....	Nov. 20-Dec. 17....	11	6	Mainly in Kelung and Taihoku.
Hawaii:				
Honolulu.....				Total from Feb. 25-Mar. 14: Cases, 31; deaths, 22. Apr. 12-16: Cases, 4; deaths, 4.
India:				
Bombay.....	Nov. 23-Mar. 11.....		108	Feb. 19-Mar. 11: Cases, 3.
Calcutta.....	Nov. 13.-Feb. 25....		511	
Madras.....	Nov. 27-Mar. 11.....		15	Madras Presidency, Oct. 1-Dec. 31: Cases, 8,382; deaths, 4,546. Report for Oct. 16-31 not received. Jan. 1-31: Cases, 7,028; deaths, 3,943.
Rangoon.....	Jan. 1-Mar. 4.....	8	8	
Indo-China:				
Saigon.....	Dec. 12-Feb. 19....	10	7	
Italy.....				Total for Italy, Dec. 27-Jan. 30: Cases, 111; deaths, 17.
Provinces—				
Aquila.....	Dec. 4-17.....	4	1	
Bari.....	Dec. 27-Jan. 30....	5	2	
Caltanissetta.....	Dec. 4-10.....	1		
Caserta.....	Dec. 4-Jan. 14.....	15	3	
Catanzaro.....	Dec. 27-Jan. 6.....	2	2	
Lecce.....	Dec. 11-Jan. 30....	111	13	
Palermo—				
Palermo.....	Dec. 4-10.....	16	6	
Insane asylum.....	Dec. 4-Jan. 6.....	24	6	
Rome.....	do.....	10	7	
Salerno.....	Dec. 11-Jan. 6.....	10		
Japan.....				Total for Japan, Sept. 14-Nov. 30: Cases, 2,770; deaths, 1,923, including cases and deaths appearing on p. 1937, Vol. XXV.
Aichi ken.....	Oct. 16-Nov. 20....	3	3	
Ehime ken.....	Sept. 23-Nov. 30....	27	19	
Fukuoka ken.....	Sept. 30-Nov. 30....	234	165	
Higo ken, Kobe.....	Sept. 12-Nov. 30....	607	396	
Hiroshima ken.....	Sept. 25-Nov. 30....	58	30	
Kagawa ken.....	Oct. 2-Nov. 30.....	293	201	
Kagoshima ken.....	Oct. 28-Nov. 30....	4	3	
Kochi ken.....	Oct. 18-Nov. 30....	70	42	
Kyoto fu.....	Sept. 30-Nov. 30....	143	119	
Kumamoto ken.....	Oct. 18-Nov. 30....	19	11	
Miye ken.....	Oct. 11-Nov. 30....	8	5	
Nagasaki ken.....	Oct. 16-Nov. 30....	26	11	Dec. 12-25, 5 cases, 1 death.
Nara ken.....	Oct. 3-Nov. 30.....	31	23	
Osaka fu.....	Oct. 10-Nov. 30....	2	1	
Okayama ken.....	Sept. 29-Nov. 30....	71	49	
Saga fu.....	Sept. 17-Nov. 30....	951	692	
Saga ken.....	Oct. 4-Nov. 30.....	51	31	
Shiga ken.....	Nov. 20-30.....	7	6	
Shimane ken.....	Oct. 24-Nov. 30....	7	5	
Tokushima ken.....	Oct. 3-Nov. 30.....	59	37	
Tokyo fu.....	Oct. 18-Nov. 30....	1	1	
Wakayama ken.....	Oct. 6-Nov. 30.....	57	44	
Yamaguchi ken.....	Oct. 12-Nov. 30....	41	29	
Java:				
Batavia.....	Nov. 13-Feb. 11....	13	5	Among natives.
Samarang.....	Sept. 11-Jan. 25....	608	522	
Soerabaya.....	Oct. 23-Mar. 4.....	26	15	
Korea:				
Seoul.....	Oct. 26-Nov. 5.....	1	1	
Madeira.....				Total for Madeira, Nov. 16-Feb. 8: Cases, 1,774; deaths, 555, including report, page 1938 Vol. XXV.
Funchal.....	Nov. 16-Feb. 8.....	635	210	
Calheta.....	Dec. 9-31.....	1		
Camara dos Lobos.....	Nov. 16-Feb. 8.....	513	160	
Machico.....	do.....	278	75	
Ponto do Sol.....	do.....	195	71	
Santa Cruz.....	do.....	89	26	
Porto Santo Island.....	Nov. 10-Feb. 8.....		13	



## CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.

Reports Received from Dec. 31, 1910, to Apr. 21, 1911.

## CHOLERA—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
<b>Persia:</b>				
Ardestan	Nov. 30			Present
Assadabad	Oct. 5-Nov. 8		61	
Birjend	Nov. 10			Do.
Chalfaroud	Jan. 3			Do.
Enzeli	Nov. 8-25	9	11	Present in vicinity and in Pire-Bazar.
Hamadan	Oct. 6-Dec. 3	42	22	
Kashan	Nov. 30			Present.
Kasri-Churine	Oct. 13-20		5	
Kerman	Nov. 22-Dec. 24	106	51	
Kermanschah	Nov. 5-10		6	
Mohammerah	Nov. 13-Dec. 5	11	3	
Mollag-Ali	Nov. 20	6		
Resht	Nov. 19-Dec. 3	48	42	Present in all villages in vicinity.
Turbat-i-Hidari	Oct. 10-Nov. 15	66	25	
<b>Philippine Islands:</b>				
Manila	Nov. 6-Dec. 31	9	6	Third quarter, 1910: Cases, 195; deaths, 141.
<b>Provinces</b>				
Albay	Dec. 24-Feb. 25	46	37	Third quarter, 1910: Cases, 5,657; deaths, 4,089.
Bulacan	Nov. 6-Feb. 4	18	15	
Ilocos Sur	Nov. 6-Dec. 17	58	38	
Mindoro	Nov. 6-Feb. 25	37	27	
Rizal	Nov. 6-Feb. 18	41	32	
Union	Nov. 6-12	3	1	
<b>Russia.</b>				
<b>Baku government—</b>				
Baku	Nov. 6-Dec. 17	6	2	
Batum	Dec. 4-10	2	1	
Don territory	Nov. 6-19	6	2	
Erivan government	Nov. 6-Dec. 10	4	4	
Perghana territory	Nov. 6-19	6	6	
Kharkov government	Nov. 6-12	2		
Kazan government	Nov. 6-Jan. 7	2	1	
Kherson government	Nov. 6-Dec. 3	4	4	
Kief government	Nov. 6-Feb. 4	45	18	
Kuban territory	Nov. 6-13	4	4	
Lublin government	Nov. 20-26	31	13	
Mohilev government	Nov. 6-19	2	1	
Orenburg government	Nov. 13-24	15	6	
Oufa government	Nov. 6-12	2	1	
Perm government	Nov. 20-26	1		
Podolia government	Nov. 13-Jan. 28	11	4	
Rjasan government	Nov. 6-12	2		
St. Petersburg government	do.	2		
St. Petersburg	Nov. 6-Dec. 31	32	16	
Samara government	Nov. 6-19	6		
Saratov government	Nov. 13-26	8	6	
Siberia, eastern	Nov. 6-19	12	3	Vladivostok, Oct. 29-Nov. 13: Cases, 4; deaths, 17.
Syr Darya territory	do.	7	4	
<b>Taurida government—</b>				
Sebastopol	Nov. 13-Dec. 3	7	4	
Tambov government	Nov. 13-Dec. 10	86	34	
Tiflis government	Nov. 6-26	2		
Vitebsk government	Nov. 6-19	3	2	
Veronesch government	Nov. 6-12	2		
Yekaterinoslav government	Nov. 6-Jan. 14	65	34	
<b>Siam:</b>				
Bangkok	Nov. 6-Feb. 20	536	526	
<b>Straits Settlements:</b>				
Singapore	Dec. 25-31	1	1	
<b>Sumatra:</b>				
Bambel	Dec. 29			Present.
Blagmoeti	Nov. 14			Do.
Keretan	Dec. 29			Do.
Pengoelodjajar	Nov. 14			Do.
<b>Tripoli:</b>				
Amrousse	Sept. 20-Dec. 8	6	5	
Hani	do.	3	2	
Tripoli	Nov. 15-Dec. 8	37	37	Total Sept. 20-Dec. 8: Cases, 323; deaths, 233.

## CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.

Reports Received from Dec. 31, 1910, to Apr. 21, 1911.

## CHOLERA—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Turkey:</b>				
Adrianople vilayet.....	Nov. 21-Dec. 15...	60	70	94 cases and 34 deaths reported, p. 1940, Vol. XXV.
Constantinople.....	Nov. 22-Jan. 16...	841	529	Total from Sept. 13-Jan. 16: Cases, 1,318; deaths, 793.
Saloniki vilayet.....	Dec. 11-31.....	50	25	
<b>Turkey in Asia:</b>				
Bagdad vilayet.....	Nov. 20-Dec. 11...	119	115	Total, Oct. 16-Jan. 16: Cases, 819; deaths, 723.
Basra.....	Nov. 6-26.....	10	9	
Medina.....	Jan. 22-Feb. 28.....		667	
Mecca.....	Dec. 26-Jan. 28.....	153	142	Feb. 5, present.
Samsoun.....	Nov. 20-Dec. 3.....	6	6	
Smyrna.....	Nov. 20-Feb. 12.....	331	200	
Trebizond.....	Nov. 20-Dec. 18.....	107	42	And vicinity.
Yambo.....	Jan. 7-12.....	24	21	
Zongouldak.....	Nov. 20-Dec. 16.....	9	6	

## YELLOW FEVER.

<b>Brazil:</b>				
Manaos.....	Dec. 4-Mar. 18.....		137	
Para.....	Nov. 27-Mar. 25.....	186	82	Mar. 12, 1 case from the British s. s. Cearense.
Rio de Janeiro.....	Feb. 21-Mar. 11.....	1	1	
<b>Dominican Republic:</b>				
Santiago de los Caballeros..				Sept., 1910, present.
<b>Ecuador:</b>				
Guayaquil.....	Nov. 1-Feb. 28.....	124	46	
<b>Honduras:</b>				
Puerto Cortez.....	Jan. 21-29.....			1 fatal case on U. S. S. Marietta.
<b>Mexico:</b>				
Salina Cruz.....	Mar. 4.....	1	1	From s. s. Opland from Guatemalan ports.
<b>Venezuela:</b>				
Caracas.....	Dec. 4-Feb. 28.....	57	16	Nov. 22-Dec. 3, 5 deaths.
La Guaira.....	Dec. 1-15.....	1	1	Jan. 22-27, 1 fatal case in Canton suburb.
Macuto.....	Dec. 1-7.....	1		
Maiquetia.....	Nov. 29.....	1		

## PLAGUE.

<b>Arabia:</b>				
Maskat.....	Apr. 1.....			Present.
<b>Azores:</b>				
Terceira.....	Dec. 24.....			Do.
<b>Brazil:</b>				
Bahia.....	Oct. 29-Jan. 27.....	50	41	
Pernambuco.....	July 1-Dec. 16.....		15	
Rio de Janeiro.....	Jan. 1-31.....	12	9	Nov. 1-Dec. 31: Cases 19, deaths 5.
Sao Paulo.....	Jan. 8-21.....	2	2	
<b>Chile:</b>				
Arica.....	Jan. 26-Feb. 5.....	5	1	Dec. 28-Mar. 20, present.
Iquique.....	Jan. 1-28.....	5	3	Mar. 2-8: Cases 8, deaths 2.
<b>China:</b>				
Amoy.....	Jan. 21-Mar. 14.....	10	10	Kulangsu, Jan. 1-21, 3 fatal cases. Jan. 21-Feb. 27, present in Amoy Island.
Changchung.....	Jan. 1-Mar. 8.....		2,596	Jan. 1-Feb. 1: Deaths, 544; in vicinity, Feb. 21-28, 184 cases.
Changtu.....	Jan. 14.....			Present.
Paoting-fu.....	Jan. 24.....			Do.
Peking.....	do.....	2		
Shantung Province.....	Jan. 15-Feb. 15.....		1,000	
Chefoo.....	Jan. 15-Mar. 17.....		1,004	
Tengchowfu.....	Feb. 4.....		30	
Sioke.....	Dec. 6-Jan. 4.....			Present, in the interior, 60 miles from Amoy.
Swatow.....	Jan. 28-Mar. 11.....			Present in vicinity.
Tientsin.....	Jan. 21-Mar. 18.....		27	Jan. 17-Feb. 20, 60 cases.
Wangkochuang.....				Feb. 25, present.
Manchuria.....				Total for Manchuria, Oct. 25-Feb. 3: Cases, 1,176 Chinese, 40 Europeans; deaths, 1,164 Chinese, 37 Europeans. Total fatal cases to Mar. 12, 31,450.

## CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.

Reports Received from Dec. 31, 1910, to Apr. 21, 1911.

## PLAGUE—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>China—Continued.</b>				
Ah Cheng.....	To Mar. 9.....		1,451	
Ashihe.....	Dec. 25-Jan. 13.....	2		Feb. 10: Deaths, 300 daily.
Buhedu.....	Oct. 30.....	3	3	
Chang Tu.....	To Mar. 9.....		428	
Cheng Te.....	Mar. 10.....		672	
Dalny.....	Jan. 11-Feb. 8.....	66	60	
Dunzenshan.....	To Dec. 25-Feb. 3.....	19	22	
Faku.....	To Mar. 3.....		217	
Feng Hua.....	To Mar. 13.....		149	
Fengting Province.....	To Mar. 3.....	5,636		
Fuchiatien.....				Nov. 8-Mar. 18: Deaths, 5,149.
Fushun.....	To Mar. 9.....		66	
Hailar.....	Dec. 6-Feb. 5.....	86		
Harbin.....				And vicinity. Nov. 8-Mar. 18. Deaths, 1,554 Chinese, 54 Europeans.
Hismintun.....	To Mar. 7.....		328	
Hsian.....	Feb. 28.....		111	
Huai Te.....	To Mar. 8.....		795	
Hulan.....	Dec. 31-Mar. 8.....	1,562		
Jaomin.....	Dec. 25-Jan. 13.....	1	1	
Kai Yuan.....	To Mar. 7.....		211	
Kirin and Heilungkian Province.....	Jan. 7-Mar. 12.....	25,814		
Kuantchentsi.....	Jan. 1-Feb. 3.....	8	3	
Kwang ning.....	To Mar. 9.....		204	
Lesania vetka Handa-ohedzy.....	Dec. 25-Jan. 13.....	9	9	
Lochagri.....	Dec. 27.....	4	4	
Loshagoon.....	...do.....	4		
Manchuria, station.....	Dec. 7-26.....		95	
Moershan.....	Jan. 1-20.....	1	1	
Mukden.....	Jan. 1-Mar. 5.....		1,533	
Pa Yen.....	Mar. 4.....		489	
Pen Hsi.....	To Mar. 11.....		17	
Pinchou.....	Jan. 28-Mar. 7.....		1,254	
Sanshahe.....	Jan. 1-20.....	3	3	
Shing King.....	To Mar. 7.....	8		
Sui Hua.....	To Mar. 8.....		1,198	
Swang Cheng.....	To Mar. 6.....		5,517	
Tieling.....	Jan. 14-Mar. 3.....		17	
Tehjalainarsky.....	Nov. 11-Dec. 3.....	104	106	Cases previously reported, 14; deaths, 12.
Tehjalantun.....	Nov. 21-Jan. 14.....		42	
Te Hual.....	To Feb. 25.....		255	
Turehiha.....	Oct. 30.....	4	4	
Tzaitzalgoy.....	Jan. 1-20.....	2	2	
<b>Ecuador:</b>				
Babahoyo.....	Dec. 16-Jan. 15.....	16	4	
Duran.....	Dec. 16-Jan. 31.....	10	4	
Guayaquil.....	Nov. 1-Feb. 28.....	239	194	
Milagro.....	Jan. 1-Feb. 15.....	9	5	
<b>Egypt:</b>				
Alexandria.....	Jan. 4-Mar. 10.....	2	2	Nov. 29-Dec. 24, 5 cases, 2 deaths.
Cairo.....	Feb. 11.....	1	1	
<b>Provinces—</b>				
Assiout.....	Jan. 1-Mar. 13.....	84	30	Dec. 1-29, 50 cases, 24 deaths.
Assouan.....	Jan. 1-Mar. 14.....	186	105	
Behera.....	Jan. 1-17.....	3		
Beni Souef.....	Feb. 7-11.....	2		
Galloubeeh.....	Feb. 28.....	1	1	Nov. 22-Dec. 2, 1 case, 1 death.
Garbieh.....	Mar. 3-14.....	5	2	
Gizeh.....	Jan. 1-Feb. 2.....	9	5	
Kena.....	Jan. 14-Mar. 16.....	166	119	
Menouf.....	Jan. 1-28.....	9	4	Dec. 2-22, 26 cases, 14 deaths.
Minieh.....	Feb. 22-Mar. 16.....	42	14	
<b>Hawaii:</b>				
Honokaa.....	Jan. 31.....	2	2	
<b>India:</b>				
Bombay.....	Nov. 23-Mar. 11.....		851	Feb. 19-Mar. 11, 554 cases.
Calcutta.....	Nov. 13-Feb. 26.....		170	
Kurrachee.....	Nov. 19-Mar. 11.....	493	475	
Madras.....	Dec. 11-17.....		1	
Rangoon.....	Jan. 1-Mar. 4.....	56	52	Dec. 11-31, 10 deaths.
Bombay Presidency and Sind.....	Oct. 29-Mar. 4.....	33,918	23,113	
Madras Presidency.....	...do.....	7,281	5,983	

## CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.

Reports Received from Dec. 31, 1910, to Apr. 21, 1911.

## PLAGUE—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
<b>India—Continued.</b>				
Bengal.....	Oct. 29-Mar. 4.....	32,807	26,606	
United Provinces.....	.....do.....	130,642	112,201	
Punjab.....	.....do.....	38,507	31,445	
Burma.....	.....do.....	3,134	2,987	
Eastern Bengal and Assam.....	Jan. 29-Feb. 4.....	5	4	
Central Provinces.....	Oct. 29-Mar. 4.....	23,792	18,188	
Coorg.....	.....do.....	20	9	
Mysore State.....	.....do.....	8,537	6,076	
Hyderabad State.....	.....do.....	5,865	4,990	
Central India.....	.....do.....	6,617	5,535	
Rajputana and Ajmer-Merwara.....	.....do.....	13,405	10,521	
* Kashmir.....	Nov. 6-Mar. 4.....	149	94	
North West Province.....	Dec. 10-Mar. 4.....	80	61	
Grand total.....		304,759	247,813	
<b>Indo-China:</b>				
Salgon.....	Nov. 14-Mar. 26.....	8	4	
<b>Japan:</b>				
Formosa.....	Jan. 22-Mar. 4.....	17	15	
<b>Java:</b>				
Batavia.....	Apr. 7.....			Present. Feb. 18—Present among pilgrims on a steamer from Jiddah in quarantine 10 miles distant.
<b>Mauritius.</b>				
Sept. 30-Feb. 2.....		604	348	
<b>New Caledonia:</b>				
Noumea.....	Sept. 17.....			Present.
<b>Peru:</b>				
Ancachs, Department.....	Mar. 4.....			Do.
Casma.....				
Arequipa Department.....	Nov. 1-Jan. 31.....	24	6	
Mollendo.....				
Callao Department.....	Nov. 1-Jan. 31.....	3		
Lambayeque Department.....	.....do.....	25	14	
Libertad Department.....	.....do.....	106	56	Dec. 10-Mar. 11, present in Chicama Valley. Salaverry, Feb. 1-28, 31 cases, 12 deaths. Mar. 7, 58 cases in lazaretto at Truxillo. Mar. 1, present in Moche and Viru.
<b>Lima Department.....</b>				
.....do.....		15	8	Lima—Feb. 19-Mar. 11: Cases, 9; deaths, 3. Paíta, Mar. 11, 1 case. Catacaos and Piura, epidemic.
<b>Piura Department.....</b>				
.....do.....		49	26	
<b>Russia:</b>				
<b>Astrakhan Government—</b>				
Abil-Isken.....	Nov. 22-29.....	4	4	
Kirghiz Steppe.....	Dec. 17-Feb. 2.....	96	81	
Kolden.....	Dec. 6-13.....	8	3	
Koybal.....	Dec. 10-13.....	5	1	
Kulken Island.....	Oct. 13-Nov. 4.....	5	5	
Nauraal-Tehaygal.....	Nov. 23-29.....	5	5	
Neuren.....	Nov. 17-21.....	1	1	
<b>Trans-Caucasia.....</b>				
Petrovsk.....	Nov. 23.....	1	1	
Sanitza-Oliivanna.....	Nov. 22.....	1	1	
Baku.....	Dec. 17.....	1	1	
Batum.....	.....do.....	1	1	
Odessa.....	Jan. 1-7.....	1	1	Dec. 9, 1 death.
<b>Slam:</b>				
Bangkok.....	Nov. 27-Dec. 3.....	1	1	
<b>Straits Settlements:</b>				
Singapore.....	Nov. 13-Dec. 3.....	1	1	
Trinidad.....	Feb. 8-Apr. 1.....	3	1	
<b>Turkey in Asia:</b>				
Jiddah.....	Jan. 15-Feb. 5.....	2		Mar. 28, present.
<b>Venezuela:</b>				
Caracas.....	Apr. 10.....	1		Nov. 9, present.

## CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.

Reports Received from Dec. 31, 1910, to Apr. 21, 1911.

## SMALLPOX.

Places.	Date.	Cases.	Deaths.	Remarks.
<b>Abyssinia:</b>				
Adis Ababa.....	Nov. 20-Feb. 11.....			Present.
<b>Arabia:</b>				
Aden.....	Jan. 9-Feb. 20.....	68	6	Epidemic. Present. 1 case from a British naval vessel. Present.
Berbera.....	Dec. 9-Jan. 9.....			
Bulhar.....	Jan. 25.....			
Maskat.....	Jan. 1-21.....	3		
Zella.....	Jan. 25.....			
<b>Argentina:</b>				
Buenos Aires.....	Oct. 1-Jan. 31.....		17	
Rosario.....	do.....		19	
<b>Australia:</b>				
Adelaide.....				Sept., 1910, 1 case on s. s. <i>Ka-zembe</i> from Singapore.
<b>Austria-Hungary:</b>				
Galicia.....	Mar. 12-18.....	1		
Krain.....	Mar. 5-11.....	2		
<b>Barbados:</b>				
Bridgetown.....	Jan. 14.....	1		From steamship <i>Cara</i> from Rio de Janeiro.
<b>Brazil:</b>				
Bahia.....	Oct. 29-Jan. 6.....	62	31	Nov. 14-Dec. 31, 6 cases.
Para.....	Nov. 27-Mar. 25.....	65	14	
Pernambuco.....	July 1-Feb. 15.....		1,056	
Rio de Janeiro.....	Jan. 1-Mar. 11.....	4	2	
Sao Paulo.....	Jan. 8-Mar. 11.....	2	1	
<b>Canada:</b>				
British Columbia—				
Fernie.....	Feb. 19-Apr. 1.....	10		
Vancouver.....	Jan. 1-31.....	3		
Victoria.....	Dec. 11-Feb. 28.....	59		
Manitoba—				
Winnipeg.....	Apr. 2-8.....	1		Jan. 14-Apr. 15, in vicinity.
New Brunswick—				
Campbelltown.....	Apr. 4-10.....	1		
Moncton.....	Jan. 29-Feb. 11.....	15		
Newcastle.....	Dec. 18-Jan. 25.....	9		
Newfoundland—				
St. John's.....	Mar. 12-18.....	2		
Nova Scotia—				
Halifax.....	Jan. 1-14.....	3		
Louisburg.....	Dec. 25-Feb. 4.....	9		
Sydney.....	Jan. 22-Apr. 8.....	7		
Ontario—				
Cornwall.....	Jan. 1-21.....	3		Epidemic.
Fort William.....	Apr. 3.....			
Ottawa.....	Dec. 18-Apr. 8.....	38		
Sarnia.....	Mar. 19-Apr. 8.....	2		
Prince Edwards Island—				
Charlottetown.....	Mar. 29-Apr. 4.....	5		
Quebec—				
Quebec.....	Feb. 12-Apr. 8.....	4		
<b>Ceylon:</b>				
Colombo.....	Nov. 13-Mar. 4.....	35	9	
<b>Chile:</b>				
Coquimbo Province.....	Dec. 13-30.....			Present in two localities.
Iquique.....	Nov. 13-19.....		1	Deaths not generally reported. Jan. 8-14, 2 deaths; Mar. 18, present.
Punta Arenas.....	Nov. 1-30.....	1		
Talcahuano.....	Nov. 13-Dec. 17.....	23		
Valparaiso.....	Nov. 20-Mar. 4.....	508		
<b>China:</b>				
Amoy.....	Mar. 8-14.....		8	Present among natives.
Canton.....	Dec. 11-17.....	26	3	
Chefoo.....	do.....			
Chungking.....	Nov. 13-Mar. 4.....			Present.
Hongkong.....	Dec. 4-Mar. 4.....	35	19	
Manchuria—				
Dalny.....	Nov. 27-Feb. 11.....	2	1	Do.
Nanking.....	Nov. 20-Mar. 25.....			Deaths among natives.
Shanghai.....	Nov. 21-Mar. 12.....	37	168	Present 25 miles inland; Jan. 21-Mar. 11, present in vicinity.
Swatow.....	Jan. 1-7.....			Mar. 11, still present among Chinese.
Tsingtau.....	Jan. 8-Feb. 11.....	12	1	
<b>Colombia:</b>				
Cartagena.....	Jan. 15-Mar. 5.....			Present.

## CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.

Reports Received from Dec. 31, 1910, to Apr. 21, 1911.

## SMALLPOX—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Egypt:				
Alexandria.....	Jan. 1-Feb. 28.....	6	8	Nov. 1-Dec. 31, 1 case, 2 deaths.
Cairo.....	Dec. 3-Mar. 4.....	14	5	
Port Said.....	Dec. 17-Mar. 4.....	5	1	
France:				
Paris.....	Dec. 3-Mar. 25.....	57		
Gambia.....	Apr. 8.....			Present.
Germany.....				Total for Germany, Dec. 4-Apr. 1, cases 31.
Gibraltar.....	Jan. 16-Mar. 25.....	5		
Great Britain:				
Dublin.....	Jan. 15-21.....	1		
Leith.....	Dec. 11-17.....	2		From a steamship from Oporto.
Liverpool.....	Jan. 29-Mar. 11.....	4		
London.....	Feb. 19-Apr. 1.....	187	7	
Nottingham.....	Mar. 12-18.....	1		
Hawaii:				
Honolulu.....	Jan. 3-Feb. 18.....	4		Jan. 3, 3 cases on s. s. Kiho Maru from Manzanillo. Feb. 18, 1 case on s. s. Chiyo Maru from Yokohama.
Hilo—				
Waiakea.....	Mar. 25-26.....	3		
Kona.....	Mar. 22.....	1		
Mauli—				
Puene.....	Jan. 24.....	39		
Waikapu.....	Jan. 31.....	1		
India:				
Bombay.....	Dec. 6-Mar. 11.....		103	Feb. 19-Mar. 11, cases 117.
Calcutta.....	Nov. 6-Feb. 11.....		18	
Madras.....	Nov. 20-Mar. 11.....	407	148	
Rangoon.....	Jan. 1-Mar. 4.....	255	81	Nov. 20-Dec. 31, 6 deaths.
Indo-China:				
Saigon.....	Nov. 14-Feb. 26.....	152	42	
Italy:				
Genoa.....	Feb. 1-15.....	6		
Naples.....	Dec. 4-Mar. 25.....	380	163	
Palermo.....	Jan. 8-Mar. 25.....	76	23	
Turin.....	Jan. 8-Mar. 11.....	3		
Japan:				
Kobe.....	Dec. 26-Feb. 12.....	3		Dec. 26-Jan. 1, 2 cases from s. s. Shimosa from New York via ports.
Java:				
Batavia.....	Dec. 26-Mar. 4.....	10		
Malta:				
Valetta.....	Dec. 4-Jan. 28.....	4		
Mexico:				
Agascalientes.....	Dec. 25-Mar. 18.....		43	
Chihuahua.....	Jan. 30-Feb. 5.....	1	1	
Esenada.....	Mar. 12-25.....	4	1	
Guadalajara.....	Jan. 29-Apr. 1.....	2	2	
Mexico.....	Dec. 11-Mar. 11.....		46	Reports from Jan. 8-28 not received.
Monterey.....	Dec. 19-25.....		1	
San Luis Potosi.....	Nov. 13-Mar. 18.....	134	81	Jan. 26, present in the interior of the State.
Tampico.....	Dec. 2-Mar. 30.....	114	29	Present in Doña Cecilia, La Barra, and Tancol.
Vera Cruz.....	Mar. 15-18.....	1	1	From a sailing vessel.
Morocco:				
Tangier.....	Mar. 19-25.....			Epidemic.
Netherlands:				
Rotterdam.....	Dec. 11-Jan. 28.....	4		
New Zealand:				
Lyttelton.....	Dec. 30.....	1		On s. s. Knight of the Garter from Karotzu, Japan.
Peru:				
Salaverry.....	Jan. 25-Mar. 21.....	17	2	Jan. 10-Feb. 7 present.
Truxillo.....	Dec. 19.....		2	Dec. 19-Jan. 7 present in vicinity.
Philippine Islands.....				Third quarter, 1910: Cases, 11, deaths 0.
Portugal:				
Lisbon.....	Dec. 3-Mar. 18.....	256		Oct. 30-Dec. 31, deaths 48. Year 1910, 286. Jan. 1-Feb. 25, deaths 28.



## CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.

Reports Received from Dec. 31, 1910,\* to Apr. 21, 1911.

## SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Russia:				
Libau.....	Dec. 5-Mar. 19....	7	4	
Moscow.....	Nov. 13-Mar. 18....	174	66	
Odessa.....	Nov. 20-Mar. 25....	24	5	
Riga.....	Dec. 11-Mar. 25....	126	.....	Oct. 1-Dec. 31, 82 deaths. Jan. 1-31, deaths 14.
St. Petersburg.....	Nov. 13-Mar. 11....	478	132	
Warsaw.....	Oct. 9-Jan. 21.....	.....	31	
Siberia:				
Vladivostok.....	Nov. 22-Jan. 21....	16	3	
Siam:				
Bangkok.....	Dec. 21-Feb. 22....	1	1	
Spain:				
Barcelona.....	Dec. 5-Jan. 8.....	.....	2	Mar. 12, present.
Madrid.....	Nov. 1-Feb. 28....	.....	23	
Seville.....	Jan. 1-Feb. 28....	.....	10	
Valadolid.....	Mar. 1-11.....	.....	.....	Epidemic.
Valencia.....	Nov. 27-Mar. 25....	31	1	
Straits Settlements:				
Penang.....	Nov. 6-Feb. 28....	307	129	
Singapore.....	Nov. 13-Mar. 4....	89	13	
Switzerland:				
Cantons—				
Aargau.....	Jan. 29-Mar. 18....	58	.....	
Baselstadt.....	Feb. 19-25.....	1	.....	
Bern.....	Dec. 12-Feb. 18....	12	.....	
Turkey:				
Constantinople.....	Dec. 19-25.....	.....	1	
Turkey in Asia:				
Adana.....	Mar. 14.....	.....	1	
Beirut.....	Dec. 4-Mar. 25....	41	2	
Smyrna.....	Dec. 18-24.....	1	.....	
Uruguay:				
Montevideo.....	Oct. 1-Jan. 31....	46	16	
Zanzibar:				
Zanzibar.....	Oct. 31-Feb. 28....	81	49	

## MORTALITY.

## WEEKLY MORTALITY TABLE, FOREIGN AND INSULAR CITIES.

Cities.	Week ended—	Estimated population.	Total deaths from all causes.	Deaths from—									
				Tuberculosis.	Plague.	Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Typhoid fever.	Scarlet fever.	Diphtheria.	Measles.
Aden.....	Mar. 6	45,280	16	5	.....	.....	.....	2	.....	.....	.....	.....	.....
Do.....	Mar. 13	.....	23	8	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	Mar. 20	.....	23	1	.....	.....	.....	1	.....	.....	.....	.....	.....
Do.....	Mar. 27	.....	22	7	.....	.....	.....	.....	.....	.....	.....	.....	.....
Aguscalientes.....	Mar. 26	40,000	47	1	.....	.....	.....	4	1	.....	.....	.....	.....
Do.....	Apr. 2	.....	43	4	.....	.....	.....	4	1	.....	.....	.....	.....
Do.....	Apr. 9	.....	54	2	.....	.....	.....	5	7	.....	.....	.....	.....
Antwerp.....	Apr. 1	326,351	80	8	.....	.....	.....	.....	.....	1	.....	.....	.....
Asuncion, Paraguay.....	Feb. 25	75,000	21	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	Mar. 4	.....	24	2	.....	.....	.....	.....	.....	1	.....	.....	.....
Do.....	Mar. 11	.....	21	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Athens.....	Mar. 25	250,010	26	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
Bahia.....	Feb. 3	286,000	103	11	3	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	Feb. 10	.....	101	21	5	.....	.....	.....	.....	1	.....	.....	.....
Do.....	Feb. 17	.....	110	13	.....	.....	.....	.....	.....	1	.....	.....	.....
Do.....	Feb. 24	.....	91	16	1	.....	.....	.....	.....	.....	.....	.....	.....
Barranquilla.....	Mar. 25	40,000	25	2	.....	.....	.....	.....	.....	2	.....	.....	.....
Basel.....	Feb. 25	136,000	42	9	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	Mar. 4	.....	33	8	.....	.....	.....	.....	.....	8	.....	1	.....

## MORTALITY—Continued.

Weekly mortality table, foreign and insular cities—Continued.

Cities.	Week ended—	Estimated population.	Total deaths from all causes.	Deaths from—									
				Tuberculosis.	Plague.	Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Typhoid fever.	Scarlet fever.	Diphtheria.	Measles.
Basel	Mar. 11		35	5						1			
Do.	Mar. 25		40	9						1			
Do.	Apr. 1		43	5									
Barcelona	Mar. 31	591,272	627	48						16		10	23
Beirut	Apr. 1	80,000	20	1				1		3			
Bombay	Mar. 18	977,822	817	49	145	1		19		1			42
Brussels	Apr. 1	720,030	212	21						1			5
Budapest	do.	950,010										1	7
Cairo	Mar. 18	682,953	404	27					4	2	1	8	6
Calcutta	Mar. 4	847,796	441	39	32	30		1					2
Catania	Apr. 1	210,000	64	1									
Ceylon	Mar. 11	197,613	108	11						9			
Cienfuegos	Apr. 1	79,416	21	4									
Chefoo	Mar. 4	82,000			211								
Cologne	do.	517,236	156									2	3
Colon	Apr. 1	16,000	13	1								1	
Edinburgh	do.	365,253	109	8						1			1
Ensenada	Apr. 8	2,160	5					1					
Florence	Mar. 26	242,403	148	19								1	5
Gothenburg	Apr. 1	165,400	40	6						1		1	
Hamburg	do.	932,166	277	35						3	13	1	3
Harput	Mar. 18	21,000										3	
Do.	Mar. 25									1		1	
Hongkong	Mar. 11	336,488						7		1			
Kurachi	Mar. 18	148,000	167		79								
Lyon	Mar. 25	520,735	174	26							1	1	
Madras	Mar. 18	520,000	401			4				36			7
Magdeburg	Mar. 25	276,240	95	9								6	2
Matanzas	Mar. 4	38,311	12	2						1			
Do.	Mar. 11		21	1									
Do.	Mar. 18		16	2						1		1	
Do.	Mar. 25		18	1								1	
Do.	Apr. 1		16	1									
Do.	Apr. 8		17	3									
Mexico	Mar. 18	500,000	409	26				3	28			1	3
Do.	Mar. 25		431	22				14	33			1	7
Milan	Mar. 31	900,000	191	147						3	2	4	31
Moncton	Apr. 15	13,500	5	2									
Munich	Mar. 25	597,000	197	34						1		5	1
Nantes	Apr. 2	161,908	57	15								1	
Naples	do.	593,729		6				4					
Odessa	Apr. 1	546,000	207	43				3	3	2	2	2	1
Palermo	do.	350,000	170	11				7	1	2	6		
Paris	do.	2,776,394	1,001	230						5	2	6	27
Port Said	Mar. 18	52,811	14	1				4					
Rangoon	Mar. 11	252,155	249	6	24			59					1
St. Petersburg	Mar. 18	1,907,708	756	119				4		7	16	12	10
Do.	Mar. 25		764	134				10		4	15	11	18
San Luis Potosi	do.	82,964	92	4				9					9
Santa Cruz de Teneriffe	Apr. 1	46,000	25	2					2			1	
Shanghai	Mar. 19	492,000	158	20				12			1	3	
Singapore	Mar. 11	271,060	171	19	1			1		3			
Stockholm	Mar. 25	341,816	99									2	
Swansea	Mar. 18	112,140	35									1	
Do.	Mar. 25		46									2	
Do.	Apr. 4		33									2	
Venice	Feb. 25	184,325	116	3						1		1	
Do.	Mar. 4		94	10									
Do.	Mar. 11		77	2						1			
Do.	Mar. 18		90	7									
Do.	Mar. 25		77	7							1		
Valencia	Apr. 1	240,000	83	4									
Veracruz	Apr. 8	47,000	28	9									1
Yokohama	Mar. 27	419,630								2		3	

**MORTALITY—FOREIGN AND INSULAR—COUNTRIES AND CITIES**  
(untabulated).

FRANCE—*Calais*.—Month of March, 1911. Population, 80,000. Total number of deaths from all causes, 111, including measles 5, tuberculosis 24.

GREAT BRITAIN.—Week ended April 1, 1911.

*England and Wales*.—The deaths registered in 77 great towns correspond to an annual rate of 15.4 per 1,000 of the population, which is estimated at 17,160,256.

*Ireland*.—The deaths registered in 21 principal town districts correspond to an annual rate of 20.7 per 1,000 of the population, which is estimated at 1,163,596. The lowest rate was recorded at Wexford, viz, 9.3, and the highest at Tralee, viz, 47.6 per 1,000 of the population.

*Scotland*.—The deaths registered in 8 principal towns correspond to an annual rate of 15.6 per 1,000 of the population, which is estimated at 1,917,875. The lowest was recorded at Aberdeen, viz, 9.4, and the highest at Greenock, viz, 22.5 per 1,000. The total number of deaths from all causes was 573, including diphtheria 3, measles 1, scarlet fever 3.

GREECE—*Patras*.—March 15 to 31, 1911. Population, 39,000. Total number of deaths from all causes, 39, including diphtheria 1, measles 2, tuberculosis 3.

MALTA.—Two weeks ended February 25, 1911. Population, 215,879. Total number of deaths from all causes, 182, including diphtheria 2, tuberculosis 6, typhoid fever 1.

Month of March, 1911. Total number of deaths from all causes reported 233 (deaths for the week ended March 18 not reported), including 20 from tuberculosis.

SIAM—*Bangkok*.—Four weeks ended February 20, 1911. Population, 600,000. Total number of deaths from all causes, not reported. The deaths include smallpox 8, cholera 235, plague 16.

SPAIN—*Almeria*.—Month of March, 1911. Population, 50,910. Total number of deaths from all causes, 139, including diphtheria 1, tuberculosis 14, typhus fever 4.

By authority of the Secretary of the Treasury:

WALTER WYMAN,

Surgeon General,

United States Public Health and Marine-Hospital Service.